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CHIME (Johnson-Dahliadel 85A), IC, Bloom 8-10 x 6 , Bush $31 / 2 \mathrm{ft}$. A fine European Cactus dahlia sent to this country for Introduction. An unusual shade of soft Jasper red with a light apricot undertone that gives it distinction. Easily grows $10 \times 6$ without disbudding, even in field culture. First attracted my attention in Mr. Dudley's garden last season and has proved very fine. Early and profuse. On Eastern Honor Roll. Root, $\$ 5.00$ NET; Plant, $\$ 2.50$

## ORDER EARLY

Early orders will help us in booking your order and reserving the stock for you and thus schedule it for the proper shipping time. Do not send us an order at the height of our shipping season and expect delivery in 3 to 5 days. The orders booked weeks and months ahead that are scheduled for specific shipping dates will go out first and the last minute orders will follow as soon as we can get them off.

On late orders, kindly give a second choice. Owing to the shortage of stock, on some varieties. kindly indicate on your order whether or not you want us to substitute.

## ROOTS

Dahlia roots are divisions of field grown clumps. Each root must contain at least one "eye" from which the plant grows. Sturdy stalks or plants and fine exhibition flowers grow from roots, and strong clumps harvested for the following season. As the planted root acts as a food storehouse for the growing plant, the growth of the plant is thus stabilized under adverse growing conditions.

## POT ROOTS

Pot roots are small clumps produced by plants grown mostly in $3^{\prime \prime}$ pots in the open during the late Summer, and transferred in the Fall to greenhouses where they are grown under controlled conditions, and allowed to ripen naturally by the end of December. Pot roots should not be judged adversely because of their size, as they will produce bushes and flowers equal to roots, and in many varieties even better clumps on digging. Many experienced growers prefer pot roots.


JENNIE A (Alexander-Dahliadel 85M), M FD, Bloom $21 / 2 \times 11 / 2$, Bush 3 ft . This glowing turkey red is a gem in any garden. A wealth of blooms on open spreading bushes which need no staking. Blooms are on long slender stems. Won a First in the Seedling Class in the Camden Dahlia Show. On Dudley's Honor Roll. Certified at Rutgers with a score of over 85.
Root, $\$ 5.00$ NET; Pot Root, $\$ 3.50$ NET; Plant, $\$ 2.50$

Our special thanks to all our customers.
The A.D.S. Show will again be held at the Hotel Statler, New York City, Sept. 21 \& 22 . Hope to see you at the Shows or visit us here.

Write for Trial Ground information and addresses, and for Dahlia Society membership applications.

## GREEN PLANTS

Green plants are sprouts or cuttings taken from clumps grown in especially built greenhouses; rooted in sand benches in air-conditioned propagating houses; potted and grown under greenhouse conditions until well established and then moved to cold frames for proper hardening off. When they reach you they are ready for planting.
Our customers have found them highly satisfactory and they are considerably cheaper than roots in the high priced varieties.

Green plants will produce flowers equal to roots or pot roots when well grown for exhibition, but will not produce as large clumps for the following season. When properly grown, however, many varieties will produce nice clumps.

Dahliadel green plants, in our specially designed shipping box, have been successfully sent all over the United States. See "Notice on Green Plant and Rooted Cutting Shipments," page 32.

## ROOTED CUTTINGS

Rooted cuttings are sprouts or cuttings grown exactly as described under green plants (see above) up to the point where a good root system has developed. Rooted cuttings are wrapped singly or two together in live sphagnum moss on a special machine built for this work. In shipment the roots are fed moisture in live sphagnum. The leaves are in a ventilated air space. This insures the best and safest transportation. Rooted Dahlia cuttings are $1 / 3$ less in price than plants. However we do not recommend them unless you have had experience and are equipped to handle dahlia cuttings.


## A NEW CUT FLOWER GROUP

Dahlias that normally grow from 4 to 6 inches. Popular with florists as they are better bloomers than lots of the larger dahlias. This size group lends itself best to arrangements, baskets, and general decorating. There will be classes in the A.D.S. Show this season for the first time for the $4^{\prime \prime}$ to $6^{\prime \prime}$ blooms.

AMOROSO (Bruidegom 84B), SC, 1948, Bloom $5 \times 3$, Bush 3 ft . Pretty azalea pink with lighter shadings. Early and profuse. Long strong stems.

Root, $\$ 3.00$; Pot Root, $\$ 2.25$; Plant, $\$ 1.50$
ANDRE CSIZIK (Ballego 84B), SC, Bloom $51 / 2 \times 3$, Bush 5 ft . Intense bright violet rose. Stems good, holding flowers in good position. Early and profuse. Fine for cutting and home use. Root, . 50

BEDFORD BEAUTY (Franks 86B), IC, 1946, Bloom $6 \times 3$, Bush 4 ft . A very striking soft rosy magenta shading to creamy white at the center and base of each petal. Early, prolific, and healthy.

Root, \$1.00; Pot Root, . 75 ; Plant, 50
CAPT. CEDARQUIST (Frank 84B), StC, Bloom 6 x 4, Bush 4 ft . Bright salmon orange, shading lighter at tips. A fine cut flower. Root, . 75
CHARMANT (Bruidegom 84B), SC, 1948, Bloom 5 $\times 2$, Bush 2 ft . Deep amaranth rose. Fine grower and good keeper.

Plant, \$2.00
DEARIE (Patrick 85M), FD, 1947, Bloom $4 \times 3$, Bush $31 / 2 \mathrm{ft}$. Peach suffused and shaded rose pink. A pleasing color combination. Will grow 5 inches if disbudded. A prolific bloomer. Perfect stems.

Root, $\$ 1.00$; Pot Root, . 75 ; Plant, . 50
DEUIL DU ROI ALBERT (Belgium 84B), FD, Bloom $6 \times 4$, Bush 3 ft . An outstanding bi-color of orchid or petunia purple tipped white.

Root, $\$ 1.00$; Pot Root, . 75 ; Plant, 50
DUBONNET (Shipley-Dahliadel 85 M ), SC, Bloom 4 $x$ 2, Bush 3 ft . Deep oxblood red that does not fade. Very profuse. Sturdy compact bushes.

## Root, 50 NET

GERRIE HOEK (DeRuyter 85B), FD, Bloom $5 \times 3$, Bush 3 ft . Light carmine rose. Prolific. Perfect for cutting and arrangements.

Pot Root, \$1.00; Plant, . 75
GOLDEN LEADER (DeRuyter 84B), FD, Bloom $5 \times$ 3 , Bush 3 ft . Lovely empire yellow with saffron yellow suffusion. Beautiful blooms but not too abundant. Nice bush.

Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, . 75

JUDY K (Lakeside 85B), SC, Bloom $5 \times 3$, Bush 4 ft . Center primrose yellow, outer petals coral pink. Wonderful stems for cutting. Profuse and early.

Root, $\$ 3.00$; Pot Root, $\$ 2.25$; Plant, $\$ 1.50$
L. C. K. (Lakeside 85 B), StC, Bloom $51 / 2 \times 4$, Bush 4 ft . Bright canary yellow with orange suffusion on outer petals. Excellent keeper. Flower Grower Award winner and certified at Storrs.

Root, $\$ 1.00$; Pot Root, 75 ; Plant, 50
LITTLE KATY (Lakeside 85M), FD, Bloom $4 \times 21 / 2$, Bush 4 ft . A fine soft lemon yellow for cutting. Unusually profuse, with long stems.

Root, $\$ 1.00$; Pot Root, . 75
MISS BELGIUM (Nagels 85B), StC, Bloom $6 \times 4$, Bush $41 / 2 \mathrm{ft}$. An even shade of bright orange. Blooms always full and held on long, straight stems. An open grower.

Root, 75
MISS ELSIE JANE (Dahliadel 85B), SC, Bloom 6 x 4, Bush 4 ft . About the most artistically formed dahlia in the entire list. A most unusual color, shrimp pink with cream shadings at center and tipped violet rose. Blooms freely. We heartily recommend it.

Root, . 50
MRS. EDWARD DIEHL (Lakeside 85B), StC, 1946, Bloom $6 \times 3$, Bush 5 ft . Beautiful soft peach red blended with yellow, general tone grenadine pink. Certified at E. Lansing. Fine for baskets and commercial work. Root, \$1.00; Pot Root, . 75

NORMA JEAN (Shepard 85M), StC, 1948, Bloom $4 \times 3$, Bush 5 ft . An outstanding coral pink with light yellow center. Narrow spiky petals that are lacinated at tips. Certified at New Brunswick. Achievement Medal Winner and many other prizes. Root, $\$ 3.00$; Pot Root, $\$ 2.25$; Plant, $\$ 1.50$
NOVIET (Bruidegom 85B), SC, 1948, Bloom $6 \times 4$, Bush 3 ft . Soft straw yellow with rose suffusion at center. Very fine cut flower.

Plant, $\$ 1.00$
REVERIE (Bruidegom 85B), C, 1948, Bloom $5 \times 3$, Bush 3 ft . Sulphur yellow with amaranth rose shadings at tips. Good form and fine stems for cutting. Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$

SABINE (85B), SC, Bloom $5 \times 4$, Bush $21 / 2 \mathrm{ft}$. Light begonia pink. Imported as a Miniature from Holland but grows 5 inches in field culture. Very good and fine position on stem

Root, \$1.50; Plant, . 75

# 1949 INTRODUCTIONS of Other Growers 

Plants grown from Originator's or Introducer's Stock

BRIDE'S BOUQUET (Baker-Ruschmohr 85A), FD, Bloom $9 \times 6$, Bush $51 / 2 \mathrm{ft}$. A worthy prize winner of pure white. Nice form, and long straight stems A.D.S. Gold Cert. at N. Y., Achievement Medal at St. Louis, and Meritorious Award at Milwaukee. On all 3 Honor Rolls. Plant, $\$ 7.50 ; 3$ for $\$ 20.00$ NET
CLARIAM FANCY (Wolbert-Rocky River 85B), SC, Bloom 7-8 x 5, Bush $41 / 2 \mathrm{ft}$. This light blend of pale primrose yellow with rose suffusion has exceptional depth. Winner of Leonard Barron Trophy at N. Y., and Achievement Medals at Toledo and Indianapolis. Certified at E. Lansing and Rutgers.

Plant, $\$ 5.00$ NET
EDNA D (Diffenderffer-Rocky River 85A), C, Bloom 11 x 6, Bush 6 ft . Impressive large cherry red. Long stems and good growing habits. Won Achievement Medals at Baltimore, Washington and Richmond, and won as largest and best cactus in N . Y . Featured on 3 Honor Rolls. Plant, $\$ 7.50$ NET
EMMA CAROLINE (Premier 85A), ID, Bloom $10 \times 7$, Bush 3 ft . We are anxious to grow this white after seeing it at Rutgers where it scored 85.5. A rugged grower, good substance, and an excellent keeper

Plant, $\$ 5.00 ; 3$ for $\$ 12.00$ NET FLAMING SUNSET (Anderson-Northbrook 85B), SC, Bloom $8 \times 4$, Bush $51 / 2 \mathrm{ft}$. This English red appealed to me at Rutgers in 1947 with its brilliant orange effect. Also Cert. at Ault Park. At times, classified FD. Early, prolific, long strong stems, and a real winner.

Plant, $\$ 5.00$
GOLDEN TREASURE (LaMotte-Rocky River 85B), FD, Bloom $71 / 2 \times 5$, Bush 4 ft . A real florists' danlia at Rutgers where it Certified as well as at Georgia. Barium yellow suffused at center with nasturtium orange. Good substance, profuse and long strong stems. On three Honor Rolls. Won Achievement Medals at Birmingham and Atlanta.

Plant, $\$ 3.50$ NET
KING SIZE (Johnson 85A), StC, Bloom $10 \times 5$. Color descriptions vary from spectrum to rose red. A.D.S. Gold Medal Cert. at N. Y. and many firsts. On three Honor Rolls. Outstanding for size.

Plant, \$5.00
MARILYN DALE (Mollineaux 85A), SC, Bloom $10 \times 6$, Bush 6 ft . Different in form and color. Light roseine purple or mauve that I scored 85 at Rutgers. Stems long and erect. On 3 Honor Rolls. Won a Special at N. Y. and many other prizes.

Plant, $\$ 7.50$ NET
NEW LOOK (Guttler-Ruschmohr 85A), SC, Bloom 10 x 5, Bush 6 ft . Large empire yellow. Looked good at Milwaukee and won the American Home Achievement Medal at N. Y., Scranton and L. I. On all 3 Honor Rolls. Strong stems, good depth, and promises to be a real winner.

Plant, $\$ 7.50$; 3 for $\$ 20.00$ NET
NICKY K. (Lakeside D.G. 85 B), SC, Bloom $7 \times 4$, Bush 4 ft . A highly recommended brilliant scarlet commercial. Fine keeper and certified at E. Lansing.

Plant, $\$ 5.00$
PAWTUCKET (Crystal D.G. 85A), IC, Bloom 11 x 6, Bush 6 ft . This beautiful carmine rose with straw yellow undertone and suffusion at center appealed to me at Rutgers where it certified. Substance and growing habits good. Mr. Dudley has grown it for 3 years and recommends it highly Plant, $\$ 5.00$
PRAIRIE SUN (Marsh-Rocky River 85A), FD, Bloom $10 \times 6$, Bush 5 ft . This primrose yellow certified at Rutgers, on all 3 Honor Rolls and won Achievement Medals at Southtown, Chicago and Minneapolis. A true Formal yellow for exhibition. Plant, \$3.50 NET
SILVER TIPS (Bennett \& Beckmann 86A), SC, Bloom 10 x 6, Bush 3 ft . Most striking at Rutgers where it certified. Cherry red with straw yellow reverse which shows slightly at center. Blooms of great depth with lacinated petals. Good growing habits. A real prize winner and most interesting. Plant, $\mathbf{\$ 5 . 0 0}$
THE CARDINAL (Baker-Ruschmohr 85A), SC, Bloom $11 \times 6$, Bush 6 ft . A most attractive currant red winning the Derrill Hart Award, many other prizes, and on all 3 Honor Rolls. Fine rugged grower Worthwhile. Plant, $\$ 7.50 ; 3$ for $\$ 20.00$ NET
LITTLE JIMMY (Lakeside D.G. 85M), M FD, Bloom $3 \times 2$. A nearly round white with long strong stems Certified at E. Lansing and will compete with Snow Baby and White Fawn.

Plant, $\$ 2.50$

## STRAIGHT CACTUS DAHLIAS

ABBOT (Ballego 85B), Bloom $8 \times 4$, Bush 4 ft . Card inal red. Early, nice form and good stems. Fine bush growth.

Plant, $\$ 1.00$
ALLEGRESSE (France 85A), Bloom $9 \times 5$, Bush 4 ft . Pure sulphur yellow. Described as an improved Frau O. Bracht. A fine grower, good in all respects. One of the best recent importations.

Plant, \$1.50
AUMONIER CHANDELON (France 85B), Bloom 7 $x 5$, Bush 5 ft . Neyron rose shading lighter at center. A very pleasing pastel. Nice form.

Plant, \$1.00
BALLERINA (Frank 85B), Bloom $71 / 2 \times 4$, Bush 5 ft . Light salmon orange shaded peach red. Flowers held in good position on long stems. Bush growth vigorous. Good for cutting.

Root, .75
CLARA HOOK (Wolbert-Rocky River 85A), 1947, Bloom $91 / 2 \times 6$, Bush $51 / 2 \mathrm{ft}$. Primrose yellow lightly suffused apricot on outer petals. A good keeper and free bloomer. Winner of the Derrill Hart Medal. Root, $\$ 5.00$; Pot Root, $\$ 3.50$; Plant, $\$ 2.50$
DANDY SNOW (Australia 85A), Bloom $9 \times 6$, Bush $41 / 2 \mathrm{ft}$. Pure white. A strong healthy grower producing well formed blooms of uniform size. Fine for cutting or exhibiting. Root, $\$ 4.00$; Plant, $\$ 2.00$
ELLA MAY (Prentice-Dahliadel 85B), Bloom $7 \times 5$, Bush 5 ft . Dianthus purple. While the color is dark, flower is quite distinctive. Stem excellent and centers full.

Root, .75 NET
FAVORITA (Ballay 85B), Bloom $7-8 \times 4$, Bush 4 ft . Soft canary yellow. Some petals incurve. Centers full.

Root, \$1.50; Plant, . 75
FRAU IDA MANSFELD (Schone 85B), Bloom $7 \times$ 4 , Bush $41 / 2 \mathrm{ft}$. Clear pale lemon color. Petals revolute and deeply cleft. Centers full. Early, profuse and still a favorite.

Plant, 50
HILLSIDE GOLD (Hillside 85B), Bloom $71 / 2 \times 4$, Bush $31 / 2 \mathrm{ft}$. Golden yellow with a beautiful apricot glow. Flowers are held well above foliage. Fine for exhibition, cutting and baskets.

Root, 50

## STRAIGHT CACTUS DAHLIAS_-Cont'd

IRENE DUNNE (Wells-Ruschmohr 85A), Bloom $9 \times 51 / 2$, Bush 5 ft . An attractive phlox pink and mauve, with a much lighter center. Foliage is medium dark. Profuse.

Root, \$1.50
JERSEY DAINTY (Waite 85B), Bloom 7 x 3, Bush 5 ft . White, faintly tinged lavender early in the season. Fine for exhibiting and cutting. Blooms held on long, straight stems. Healthy plant growth. Root, .50
LOVELINESS (Frank 85B), 1946, Bloom $71 / 2 \times 4$, Bush $31 / 2 \mathrm{ft}$. Lemon chrome shaded Tyrian rose on outer petals. A very pleasing blend. Fine for cutting. Root, \$2.00; Plant, \$1.00
MARIETTA E (Eldridge-Dahliadel 85B), Bloom $7 \times 3$, Bush $31 / 2 \mathrm{ft}$. Clear sun-resistant canary yellow. Has many winnings. Certified at Storrs. Will stand good culture. Root, .75; Pot Root, . 50
MARY TAYLOR (Taylor 85B), Bloom $71 / 2 \times 51 / 2$, Bush 5 ft . Naples yellow suffused phlox pink. Bush growth open with ideal stems. Fine for cutting. Certified at 3 Trial Grounds. Root, $\$ 1.00$; Plant, . 50 MISS SAN DIEGO (Comstock 86B), 1946, Bloom $8 \times 4$, Bush 4 ft . Artistic blooms with lacinated petals, yellow centers with amaranth pink on outer petals. Certified at 2 Trial Grounds and on 3 Honor Rolls.

Root, $\$ 3.00$; Pot Root, $\$ 2.25$; Plant, $\$ 1.50$
MME. ELIZABETH SAWYER (Holland 84B), Bloom $7 \times 3$, Bush 4 ft . Persian rose shading lighter. Very lovely prize winner.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$ MRS. E. J. (Rocky River 85B), 1946, Bloom $6 \times 3$, Bush $41 / 2 \mathrm{ft}$. Bright Tyrian rose with white center and tips. Certified at 3 Trial Grounds. Profuse and early.

Root, $\$ 2.00$; Plant, $\$ 1.00$
MRS. HERBERT O'CONOR (Berwick-Dahliadel 85A), Bloom $9 \times 5$, Bush $51 / 2 \mathrm{ft}$. An artistic dahlia, bright rose pink shading a deep rose pink at center. Bush tall. Profuse bloomer. Stems strong in field culture. Flowers face nicely.

Root, 75
ORANGE IMPERATOR (Holland 84B), Bloom $6 \times 3$, Bush 3 ft . Warm poppy red. Centers full. An open branching bush with long stems. A fine addition to this class.

Root, $\$ 1.00$; Pot Root, . 75 ; Plant, .50
ORANGE PRINCESS (Geneva 85B), Bloom $71 / 2 \times 4$, Bush 5 ft . This unusual Cactus is orange red at center shading to true orange at tips. Stems strong and centers full. Keeps well, and is most attractive.

Root, $\$ 1.00$; Plant, . 50


Mrs. Herbert O'Conor

 Magenta or rhodamine purple shading lighter. Artistic and well formed flowers. Healthy, serrated foliage. Root, \$3.00; Plant, \$1.50

REFUGEE (Keck 85B), 1947, Bloom $7 \times 4$, Bush 5 ft . Intense sulphur yellow. Clean-cut exhibition variety on strong, erect stems. Flower Grower Award winner. Root, $\$ 4.00$; Pot Root, $\$ 3.00$; Plant, $\$ 2.00$
SAARLAND'S HEIMKEHR (Woditscka 85B). Bloom $7 \times 4$, Bush 3 ft . Deep rose pink tipped lighter and shaded pale lemon yellow at center. Full centers all season, with excellent stems.

Root, 75
SEARCHLIGHT (England 85A), Bloom $9 \times 4$, Bush 5 ft . A very promising sulphur yellow variety with full centers. At times an incurved cactus. Spectacular on the show table. Plant, \$1.25
SKYROCKET (Sarett-Ruschmohr 85A), 1947, Bloom $10 \times 5$, Bush $41 / 2 \mathrm{ft}$. Distinctive for size and the bright scarlet color. Several Achievement Medals. On three Honor Rolls. Healthy and vigorous.

Root, $\$ 5.00$; Pot Root, $\$ 3.50$; Plant, $\$ 2.50$
SNOWBALL (Stredwick 85B), Bloom $8 \times 4$, Bush 4 ft . Pure white of fine form. Narrow petals, some reflex and incurve. Good for exhibiting when disbudded.
Root, $\$ 1.50$ NET; Pot Root, $\$ 1.00$ N ET; Plant, . 75

THE OHIOAN (Frank 84B), Bloom $61 / 2 \times 5$, Bush 5 ft . Color, bright peach red, almost spectrum red. Flowers evenly formed, good centers, strong stems.

Plant, 75
VICTORY DAY (Bruidegom 85B), 1947, Bloom $8 \times$ 4, Bush 5 ft . Cherry red. Bright uniform blooms. Good keeper and fine for exhibition.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$
VIVIANNE COPPENS (Belgium 85B), 1948, Bloom $7-8 \times 4$, Bush 4 ft . Rhodamine pink shading lighter. Free flowering. Good for cutting. One of the finest Foreign introductions.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$
WINTER MORN (Dahliadel 85B), Bloom $71 / 2 \times 4$, Bush 4 ft . A white sport of Frau Ida Mansfield with the same good qualities, and plenty of vitality. An unusual keeper and a wonderful cut flower.

Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, . 75


## INCURVED CACTUS DAHLIAS

ANNABELLE (Lakeside 85B), 1948, Bloom 7 x 3, Bush 5 ft . A cut flower in a lovely blend of light canary yellow flushed with soft apricot. Excellent keeping qualities. Profuse and early.

Pot Root, $\$ 3.50$; Plant, $\$ 2.50$
CINDERELLA (Sarett-Ruschmohr 85B), 1948, Bloom $7 \times 5$, Bush 5 ft . Deep pink with cream center. One of the earliest in bloom. A good rugged grower with blooms of good substance. On 3 Honor Rolls. Root, $\$ 5.00$; Plant, $\$ 2.50$ CONQUEROR (Holland 84A), Bloom $10 \times 6$, Bush 5 ft . Lemon yellow enhanced with petaloids. Long rigid stems. A popular winner.

Plant, $\$ 1.00$ DOMINANT (Bruidegom 85B), Bloom $8 \times 5$, Bush 4 ft . Rose pink suffused lilac changing to sulphur yellow at center. Artistic flowers on good stems. Bush growth rugged. Root, \$1.00 NET; Plant, . 50 FLASH (Salem 85B), Bloom $8 \times 5$, Bush $41 / 2 \mathrm{ft}$. A striking and unusual bi-color. Petals are crimson with white tips. Double serrations pointing in opposite directions. Substance fairly good.
Root, \$1.50 NET; Pot Root, \$1.00 NET; Plant, . 75 GAIL KEPPEL (Anderson 85B), Bloom $7 \times 31 / 2$, Bush 3 ft . A pleasing bright rose shading lighter at tips with a yellow cast at center. Healthy rugged grower, with good foliage. Profuse. Root, $\$ 1.00$ GEN. EISENHOWER (Holland 85A), 1947, Bloom 9 $\times 5$, Bush 4 ft . A popular Foreign novelty of bright Turkey red, which is fine for exhibition and striking in the garden. Good substance. Fine foliage and long erect stems.

Root, $\$ 3.00$; Plant, $\$ 1.50$ GOLDEN STANDARD (Downs 85A), Bloom $9 \times 5$, Bush $41 / 2 \mathrm{ft}$. A warm buff shaded amber and gold. Very pleasing in form with full centers. At times it is inclined to be a Straight Cactus. A good open grower. Excellent stems. Root, .75; Pot Root, . 50 GOULBURN (Australia 85A), Bloom $9 \times 4$, Bush 5 ft . A very large and much needed Incurved Cactus. Deep lemon base suffused reddish apricot on ends of petals. Really pretty, Root, $\$ 2.00$; Plant, $\$ 1.00$

MISS OHIO (Frank 85B), Bloom $7 \times 5 \frac{1}{2}$, Bush 5 ft . Color, lilac suffused deep rose pink. Centers always full. Blooms profusely. Slender but rigid stems. Certified at Storrs. Root, 75 NET; Plant, . 50 MME. C. JUSSIANT (Nagels 85B), Bloom $8 \times 4$, Bush 4 ft . Soft violet inclined to lavender. One of the best in its form and color. Early, prolific and popular.

Root, .75; Pot Root, . 50 ; Plant, . 50
MRS. HAMMERTON (Australia 85A), Bloom $9 \times 4$, Bush 4 ft . Lemon yellow center shaded amaranth rose on outer petals. A very pleasing blend. Strong, healthy grower.

Plant, \$2.00
NANCY ANN MITCHELL (Mitchell-Ruschmohr $85 \mathrm{~B})$, Bloom $71 / 2 \times 5$, Bush 5 ft . Turkey red. Bush healthy with leathery foliage. Early and always good. Fine for baskets and arrangements.

Root, \$1.00; Pot Root, .75; Plant, . 50
NIRWANA (Holland 85A), Bloom $9 \times 5$, Bush $41 / 2$ ft . Yellow with buff suffusion. Beautifully formed flowers for cutting

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$ OAKLEIGH CHAMPION (Phillips-Oakleigh 85A), 1948, Bloom $9 \times 4$, Bush 5 ft . Blend of orange buff overlaid rose. Artistic in form with long lacinated and twisted petals. Certified at 3 Trial Grounds. On 3 Honor Rolls.

Root, $\$ 7.50$; Pot Root, $\$ 5.00$; Plant, $\$ 3.50$
ORANGE NASSAU (Ballego 85B), Bloom $8 \times 5$, Bush 4 ft . A beautiful blend of apricot with amaranth rose undertone. Wiry stems, fine for cutting and exhibiting. Certified at Storrs in 1946.

Root, $\$ 4.00$; Pot Root, $\$ 3.00$; Plant, $\$ 2.00$
PINK MUM (Northbrook 85B), 1946, Bloom $8 \times 5$, Bush 5 ft . Beautiful shaggy deep rose pink with perfect centers. Good in the garden and when cut. Winner of 2 Achievement Medals and on 2 Honor Rolls. Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$ RED TORNADO (Eccleston-Rocky River 85B), 1947, Bloom $8 \times 4$, Bush 5 ft . Reddish purple lighter reverse. Plants are attractive with fern-like foliage. Does best without forcing. Winner of many prizes. Root, $\$ 3.00$; Plant, $\$ 1.50$
REGALIA (Ballay 84A), Bloom $10 \times 6$, Bush 4 ft . A bright soft rhodamine purple with a lighter reverse. It has self-colored and white petaloids. Good strong stem, and profuse.

Root, $\$ 1.00$
RHYTHM (Dozier-Dahliadel 86A), Bloom $9 \times 6$, Bush 5 ft . Rhodamine pink with primrose yellow at center. A lovely flower with serrated tips. Awarded the Derrill Hart Gold Medal and Achievement Medal. A good root maker.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$
SARETT'S PINK FLAMINGO (Sarett-Ruschmohr 85 A ), Bloom $9 \times 5$, Bush $4 \frac{1}{2} \mathrm{ft}$. Carmine rose with straw yellow undertone. A fine grower and an early and continuous bloomer. A winner of three Achievement Medals and on three Honor Rolls.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$ SNOWCREST (Alexander-Dahliadel 85B), Bloom 7 $\times 41 / 2$, Bush 4 ft . Pure white on long stiff slender stems. A real cut flower and a winner in any show. Cert. at 2 Trial Grounds. Likes rich soil. Plant, . 75 SON OF SATAN (Slocum 85A), Bloom $11 \times 5$, Bush 5 ft . Bright scarlet. The petals revolute sufficiently to be an Incurved Cactus but occasionally a Semi-Cactus.

Root, \$1.00; Pot Root, . 75

## SEMI-CACTUS DAHLIAS

BATAAN (Retzer 85B), Bloom $8 \times 4$, Bush 4 ft . An attractive spectrum red with lighter reverse. Wavy petals show faint gold tips. Very attractive and fine for cutting.

Root, \$1.00; Plant, . 50
DORIS SETTERBERG (Australia 85A), Bloom $10 \times$ 6, Bush 4 ft . Lovely Dutch vermilion for exhibition. Good growing habits.

Plant, $\$ 3.00$
ENKART PRIMA (Belgium 85B), Bloom $8 \times 5$, Bush 4 ft . Salmon with gold center. A rugged plant with vigorous foliage. A beautiful color and a worthwhile dahlia.

Root, $\$ 1.00$ NET; Plant, 50
GRETEL (Bauer 83B), Bloom $6 \times 3$, Bush $31 / 2 \mathrm{ft}$. Color, a soft fiery red. This variety is very satisfactory for cutting as it is early, profuse, and a good keeper.

Root, . 50
HONOR GUEST (Holland 85B), Bloom $7 \times 4$, Bush $31 / 2 \mathrm{ft}$. Lovely formed flowers are amber yellow suffused with a faint soft rose. Long wiry stems. Fine for exhibiting and cutting.

Root, $\$ 3.00$; Pot Root, $\$ 2.25$; Plant, $\$ 1.50$
LADY IN RED (Dixie 85B), Bloom $8 \times 5$, Bush 5 ft . A bright scarlet red that is a good cut flower. Beautiful for baskets. Fine form and color. A vigorous grower with dark green foliage.

Root, .75
LAKESIDE ANN (Lakeside 85B), 1946, Bloom $7 \times 5$, Bush 4 ft . A nice pastel blend with lemon yellow center suffused coral red on ends of outer petals. Healthy plant and foliage. An open grower with good stems for cutting.

Root, $\$ 3.00$; Pot Root, $\$ 2.25 ;$ Plant, $\$ 1.50$
LIMELIGHT (Dahliadel 85A), Bloom $9 \times 5$, Bush 3 ft . Pointed petals of soft sulphur yellow. Easy to grow. A semi-dwarf growing bush that fits into landscape planting. Erect stems, long enough for cutting and exhibition when disbudded. A prolific bloomer.

Root, .75 NET; Pot Root, . 50 NET; Plant, .50
LOVELY JEWEL (Holland 84B), 1947, Bloom $8 \times 4$, Bush $31 / 2 \mathrm{ft}$. Beautiful rose pink, lighter at center and tips. Blooms improve as the weather cools.

Root, $\$ 3.00$; Pot Root, $\$ 2.25$; Plant, $\$ 1.50$
LUCKY (Jemars 85B), Bloom $7 \times 5$, Bush 4 ft . An outstanding vermilion for exhibition or cut flower purposes. Very early and profuse.

Root, \$1:50; Pot Root, \$1.00; Plant, . 75
NOBLE GLORY (Johnson 85A), 1947, Bloom $10 \times 7$, Bush $31 / 2 \mathrm{ft}$. Flower has a high center and staghorn petals. Beautiful soft gold buff with rose suffusion. Won Achievement Medal at Scranton and on Dudley's Honor Roll.

Root, $\$ 3.00$; Pot Root, $\$ 2.25$; Plant, $\$ 1.50$
PURPLE KNIGHT (Lasch 85B), 1948, Bloom $8 \times 5$, Bush 4 ft . A spectrum purple that does not fade. Prolific and should be a winner in its class and color as it is unique. On Dudley's Honor Roll.

Root, $\$ 5.00$; Pot Root, $\$ 3.50$; Plant, $\$ 2.50$


RAY SMITH (Scheffel 85A), 1946, Bloom $10 \times 5$, Bush $51 / 2 \mathrm{ft}$. A winner named for the popular Pres. of the N. J. Society lost in a U-Boat sinking. Clear deep Tyrian pink with lighter tips. A very fine dahlia when grown for exhibition.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$
SUN TAN (Chappaqua 85A), Bloom $9 \times 6$, Bush 5 ft . This is an attractive orange chrome with a bronzy sheen. A good strong grower. High centers, narrow retals, and fine form. Keeps well when cut. Easy to grow.

Root, \$1.00
YELLOW SPECIAL (Bruidegom 85B), 1948, Bloom $6 \times 4$, Bush $31 / 2 \mathrm{ft}$. Beautiful primrose yellow. Early and prolific. Wonderful substance and develops in water. One of the best of the Foreign novelties.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$
ZUIWN (Foreign 85B), Bloom $6 \times 3$, Bush 3 ft . A bright crimson carmine of very pleasing form on wiry stems. At times a Straight Cactus. Excellent for cutting.

Root, . 50

## DAHLIA SEED

Sow in flats or frames in early spring in light soil, cover the seed not more than one-fourth inch about the same as you would tomato seed. When first pair of true leaves are well developed transplant into small pots or flats and grow in cool temperature until they can be planted in the garden. Should they get too large pinch back and shift to larger pots.

Dahlia seedlings never come true to their parentage, but do usually show some similar characteristics in form, color or brush growth. You cannot grow seedlings of a named variety and produce the same variety.
CACTUS AND SEMI-CACTUS SEED-A mixture of fine large varieties. 20 Seed, $\$ 1.00 ; 100$ Seed, $\$ 5.00$ DECORATIVE SEED-From fine large parents in a good mixture. 20 Seed, $\$ 1.00 ; 100$ Seed, $\$ 5.00$ CACTUS AND DECORATIVE SEED MIXED-Same as above. 20 Seed, $\$ 1.00$; 100 Seed, $\$ 8.00$ COLLARETTE SEED (Dahliadel grown). Should produce mostly Collarettes and Singles.

35 Seed, .50; 100 Seed, $\$ 1.00$ MIXED MINIATURE SEED (Dahliadel grown). A mixture of very fine Decorative, Cactus and Peony type Miniature dahlias. 35 Seed, $\$ 1.00$ ORCHID FLOWERING SEED (Dahliadel grown). Produces mostly Orchid flowering dahlias for us.

35 Seed, $.50 ; 100$ Seed, $\$ 1.00$ SINGLE SEED (Dahliadel grown). Saved from our finest Single dahlias. If you want amss of mixed colors in your garden, try some.

50 Seed, . 50


DAHLIADEL NURSERIES


ALL-AMERICAN (Salem 85A), Bloom $10 \times 6$, Bush $41 / 2 \mathrm{ft}$. Spinel red with Spanish orange undertone. A finely formed dahlia. On Honor Rolls, and an Award of Honor, Ga. Easy to grow and very satisfactory.

Root, \$1.00; Pot Root, . 75
ATOMIC YELLOW (Proctor-Ruschmohr 85A), 1948, Bloom $11 \times 6$, Bush 6 ft . Beautiful bright yellow that is really big and opens in water. Blooms held facing on long stems. Certified at W. Va. and won A.D.S. Silver Medal. On 2 Honor Rolls and Webb's Review. Root, $\$ 7.50$; Pot Root, $\$ 5.00$; Plant, $\$ 3.50$
BILL JACK (Franks 85B), 1947, Bloom $8 \times 5$, Bush 5 ft . A very round white for a Semi-Cactus. Profuse bloomer with good stems.

Plant, $\$ 1.50$
CHEADLE PARK (Eccleston-Rocky River 85A), 1946, Bloom $10 \times 5$, Bush 5 ft . A bright Indian lake. Profuse, early, and a good, healthy grower. Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$ ESSIE SMITH (Smith 85A), Bloom $12 \times 61 / 2$, Bush 5 ft . Amaranth pink which brings it into the lavender class. Large flowers of unusually good substance on strong stems. Won 2 Achievement Medals and a winner for the showtable. On 3 Honor Rolls. Root, \$1.50; Plant, . 75
EVELYN CHANDLER (Ballay 84A), Bloom $9 \times 5$, Bush $41 / 2 \mathrm{ft}$. Bright golden apricot with deeper shadings on reverse which show through, especially at center of flower. Can be grown very large with extra culture.

Root, 75
FAITHFUL (Dahliadel 85A), Bloom 9-10 x 4-5, Bush 5 ft . Our best and largest white Semi-Cactus. A dahlia that does best under normal culture. Bush growth is sturdy, with well-proportioned stems and glossy green foliage. Faithful is easy to grow, a good root maker, easy to winter over, and blooms are always full-centered. On the Honor Roll.

Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, .75
JANE LAUSCHE (Wolbert-Rocky River 85A), Bloom $10 \times 5$, Bush 5 ft . An outstanding bi-color in a new color combination of soft mallow purple with white tips. Certified at East Lansing. Winner of many Achievement Medals, and on 3 Honor rolls. Root, \$3.00; Pot Root, \$2.25; Plant, \$1.50
ROSELYN STRAIGHT (Straight-Ruschmohr 85A), Bloom $10 \times 6$, Bush 5 ft . Lemon yellow with claret rose lines and suffusions. A bright spot for any exhibit or garden. Certified at Storrs and W. Va. with high scores. Root, $\$ 1.50$; Pot Root, $\$ 1.00$ WINGS (Geneva 86A), Bloom $101 / 2 \times 7$, Bush 6 ft . A large dark amaranth red. Strong, vigorous grower, with dark foliage and long erect stems holding the flower a foot or more above the foliage. A winner at New York, and one we heartily recommend.

Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, 75
WINTER CARNIVAL (Southern 85B), Bloom $8 \times 5$, Bush $4 \frac{1}{2} \mathrm{ft}$. A fine crystal white, inclined to Informal Decorative. Popular as it is easier to grow than most white dahlias. Stems are strong, and it has a good show record.

Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, .75

Varieties on this as well as other pages in this catalog are the same form bloom as illustration

## SEMI-CACTUS DAHLIAS—Cont'd

ADOLF MAYER (Topsvoort 85A), Bloom $9 \times 4$, Bush 5 ft . A black red, about the darkest of all dahlias. Bush is of good height and sturdy. Stems in proportion and flowers held perfectly. Keeps well when cut. A dahlia which should be in every planting.

Root, \$1.00; Plant, . 50
BROTHER JUSTINUS (Belgium 85B), Bloom $7 \times 4$, Bush $31 / 2 \mathrm{ft}$. A bright yellow with orange suffusion on the outer petals. A striking color combination. Long stiff stems. Excellent for cutting.

## Root, \$2.00; Plant, \$1.00

CONFUCIUS (Ballay 84A), Bloom 10x6, Bush $41 / 2$ ft . Fire red to brick red in color. Strong grower with long, stiff stems. Early and easy to grow. Just naturally large.

Root, $\$ 1.00$
GEN. JOHN J. PERSHING (Ward-Ruschmohr 85A), Bloom $12 \times 9$, Bush $51 / 2 \mathrm{ft}$. A sport of the well known dahlia Virginia Rute. Color brick or jasper red with a chrome flush. A rugged grower, and well worth while, winning many prizes and the highest score at Storrs in 1944.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$
JEAN TRIMBEE (Trimbee 85A), Bloom $10 \times 5$, Bush 5 ft . Massive yet artistic, with long revolute petals that curl and twist. A beautiful petunia or orchid purple. Very popular in the shows. Tall and vigorous, with long erect stems.

Root, \$1.00 NET; Plant, . 50
JOSEPHINE G (Grosscross-Ruschmohr 84B), Bloom $71 / 2 \times 4$, Bush $41 / 2 \mathrm{ft}$. A very pleasing bright true pink, slightly veined and tipped yellow. Sturdy bush, with flowers held well above the dense foliage. Very floriferous, good for cutting. Root, 50
MAFFIE (Exnar-Johnson 85A), Bloom $12 \times 6$, Bush 6 ft . Intense carmine or rose red of stupendous size, and a most spectacular exhibition dahlia. The tremendous size of this dahlia puts considerable strain on the stem. Bush growth is very rugged and foliage exceptionally heavy.

Root, $\$ 1.50$ NET; Plant, .75
MAGNIFICENT (Crystal 85A), Bloom $10 \times 5$, Bush 6 ft . A lovely buff overlaid carmine rose. Bush growth and stems excellent. On three Honor Rolls.

Root, $\$ 5.00$; Pot Root, $\$ 3.50$; Plant, $\$ 2.50$
MICHIGAN WHITE (Keiser 85B), Bloom $7 \times 3$, Bush 5 ft . A prolific bloomer with good substance, on long stems. A fine commercial white with three Cert. of Merit and Award of Honor. Classified as a Semi-Cactus, but resembles the picture of Cherokee Brave.

Root, $\$ 1.00$ NET; Pot Root, .75 NET; Plant, .50
MME. X. $(85 \mathrm{~A})$, Bloom $10 \times 5$, Bush 5 ft . This dahlia blooms profusely and consistently for us. A rich oxblood red, very similar to Yowa Matsuoka, except some of the flowers have a lighter stripe in the center of each petal. Strong grower, free bloomer, and a good root maker.

Root, 75
MOYUA (Australia 85A), Bloom $9 \times 5$, Bush 5 ft . Deep rose, shading lighter, with soft yellow at the base of petals. Similar too, but deeper than Rhythm in color effect. A very useful dahlia. Aturdy grower with long, strong stems.

Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, . 75


PEACH DAWN (Dudley-Dahliadel 85B), Bloom $8 \times$ 5 , Bush 5 ft . Rosy flesh suffused soft rose, giving the effect of soft salmon pink. Flowers are of good substance on strong stems. Comes into bloom about the middle of September, and centers are always full. Certified at E. Lansing. Root, $\$ 1.50$; Plant, .75
RONNIE LEE (Dorff 85A), Bloom $11 \times 6$, Bush 6 ft. Apricot suffused rose red. Similar in form and color to Dahliamum. Classified as a Semi-Cactus but Informal Decorative at times. A strong, healthy grower, winning many prizes.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$
SIR GALAHAD (Comstock 85A), Bloom $11 \times 5$, Bush 6 ft . A pleasing combination, scarlet shading lighter with a yellow undertone. One of the strongest growers with plenty of vim and vigor. Blooms are naturally large on cane like stems. Certified at Storrs.

Root, $\$ 3.00$; Plant, $\$ 1.50$
TOP-FLIGHT (Southern 85A), Bloom $10 \times 5$, Bush 5 ft . An intense bright crimson with broad staghorn petals. Bush is tall and sturdy, with fine long rigid stems. Winner of two Achievement Medals. A consistent show winner.

Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, .75
VIRGINIA RUTE (Chappaqua 86A), Bloom $12 \times 9$, Bush $5 \frac{1}{2} \mathrm{ft}$. This dahlia will grow beautifully under cloth and in the open. Cardinal or oxblood red shaded garnet. Darker than Cherokee Brave, but similar in form. The long, strong stems need no special support even when grown for exhibition. Needs no coddling. Root, \$1.00; Plant, 50
YELLOW GLORY (Frey-Dahliadel 85A), Bloom 11 $\times 7$, Bush 5 ft . A finely formed variety of clear lemon yellow. The high full center and artistic wavy petals give it a regal appearance. Stems strong, foliage dark, and bush growth good. Certified at Storrs. A seedling from the gardens of Conrad Frey. Root, $\$ 1.00$; Pot Root, $.75 ;$ Plant, 50


## Cherokee Brave <br> INFORMAL DECORATIVE DAHLIAS

CARL G. DAHL (Hillerest 85A), Bloom $12 \times 6$, Bush 5 ft . An enormous dahlia with petalage somewhat loose and open. Apricot buff shaded old rose on reverse. Bush growth vigorous and very profuse. Many times a wimer in the "largest わloom" class.

Root, $\$ 1.00$ NET; Pot Root, . 75 NET; Plant, 50

CAROLINE KERNOCHAN (Fioretti-Parrella 85B), 1946, Bloom $6 \times 3$, Bush $41 / 2 \mathrm{ft}$. A striking sulph ury white tipped carmine. Strong, erect stems. Early and profuse. A winner on the show table. Root, $\$ 2.00$; Plant, $\$ 1.00$

CHEROKEE BRAVE (Ricks-Dahliadel 86A), Bloom $11 \times 6$, Bush $51 / 2 \mathrm{ft}$. Blooms are a rich oxblood red that hold their color well in the sun. Does well everywhere, and in the Mid-West is still considered the outstanding red. The blooms grow naturally to extra large size. One of our best introductions. Bush growth strong and foliage heavy. Award of Honor, ( a . Root, $\$ 1.00$; Pot Root, $\mathbf{7 5}$; Plant, .50

CLARIAM KELTON (Wolbert-Rocky River 85A), Bloom $10 \times 5$, Bush $41 / 2 \mathrm{ft}$. A free-blooming variety of bronzy red with a yellow reverse which shows on the face of the flower as the petals curl and twist. (Alossy green foliage. Achievement Medal wimer. Root, \$1.50; Pot Root, \$1.00; Plant, . 75

DAHLIAMUM (Chemar 85A), Bloom $10 \times 7$, Bush 5 ft . A very large flower of a yellow buff and amber combination suffused with gold. Petals are twisted. A strong growing variety. Certified at Storrs.

Root, $\$ 1.00$; Pot Root, . 75 ; Plant, . 50
FLAMING GLORY (Crystal 85A), Bloom $10 \times 7$, Bush 5 ft . Soft carmine over a straw yellow undertone, with white petaloids. A dahlia that naturally grows large.

Root, \$2.00; Plant, \$1.00

FLYING FORTRESS (Pittman-Dahliadel 85A) Bloom $10 \times 5$, Bush $41 / 2 \mathrm{ft}$. The general tone is soft scarlet with a lighter reverse. It is of artistic form and brilliant color, and arranges beautifully, especially in baskets. It is a rugged healthy grower and a profuse bloomer. Certified in W. Va. and Md. This variety does best from roots. Root, \$1.00

JOAN FERENZ (Rindfleisch-Ruschmohi 85A), Bloom $11 \times 7$, Bush 5 ft . A seedling of Jane Cowl of canary yellow lightly suffused rose red. Grows large with little disbudding. A good keeper, with dark and insect-resistant foliage. Achievement Medal winner. Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$

MICHAEL BLACK (Phillips-Oakleigh 85A), 1946, Bloom $10 \times 5$, Bush 5 ft . Velvety rhodamine purple that does not fade easily. Healthy, vigorous grower. Blooms natually grow large on strong, erect stems. Achievement Medal at Washington.

Root, $\$ 3.00$; Pot Root, $\$ 2.25$; Plant, $\$ 1.50$
PINK GIANT (Bruidegom 84A), Bloom $9 \times 5$, Bush $51 / 2 \mathrm{ft}$. Bright Tyrian pink. Long erect stems hold Howers facing and slightly elevated. Strong rugged bushes with heavy foliage. Universally admired. A very striking dahlia.

Root, . 75 NET; Pot Root, 50 NET; Plant, . 50
SALEM SUNSHINE (Salem 85A), Bloom $12 \times 8$, Bush 4 ft . A fine large light primrose yellow. Early, profuse and a vigorous grower. Flowers are held facing side to upward. A good root maker. Well worth your trial to get an easy to grow large yellow. Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, 75

## INFORMAL DECORATIVE DAHLIAS-Continued

ANNA BENEDICT (Benedict-Dahliadel 85B), Bloom $8 \times 5$, Bush $51 / 2 \mathrm{ft}$. Rich dark garnet with black shadings near center of flower. Stems always good. Does not fade, and seems immune to rain damage. One of the best for cutting all season.

Root, 75 NET; Pot Root, 50 NET
AUTUMN BLAZE (Johnson 85A), 1948, Bloom 11 x 6, Bush 5 ft . Early blooms are all orient red with yellow ochre shadings on the tips, but later blooms show more of the suffusion. Achievement Medal Winner and several prizes. Certified 86 at W. Va. A strong, rugged grower. Pot Root, \$3.50; Plant, \$2.50
CHEER (Dahliadel 85B), 1947, Bloom $8 \times 5$, Bush 5 ft . Rich lemon yellow splashed and striped bright scarlet. On long erect stems. Fine for cutting and a dahlia that does well with just ordinary culture. Will hold a full center throughout the season. Very striking. On Dudley's Honor Roll.

Root, $\$ 3.00$; Plant, $\$ 1.50$
DELROSE (Slocum-Dixie 85A), Bloom $10 \times 6$, Bush $31 / 2 \mathrm{ft}$. An unusual bicolor, white with a wide yellow border on each side of petal. Certified at E. Lansing. Very attractive.

Plant, $\$ 2.50$
GLAMOUR (Salem 85A), Bloom $11 \times 7$; Bush $51 / 2 \mathrm{ft}$. An unusual color combination of purple veined violet rose. A tall, heavy grower, with stiff stems. Winner of many prizes. Achievement Medal, and Award of Honor, Ga. Not early.

Root, $\$ 1.00$; Pot Root, .75 ; Plant, .50
HUNT'S VELVET WONDER (Hunt-Bumett 84A), Bloom $10 \times 6$, Bush $51 / 2 \mathrm{ft}$. Tyrian purple blending into a true purple. Broad-petaled blooms of good size and depth. Stems somewhat short, but a very striking flower.

Root, $\$ 1.00$ NET; Pot Root, 75 NET
KEMP'S PURPLE TRIUMPH (Kemp 85A), 1947, Bloom $12 \times 5$, Bush 5 ft . This is a pleasing rich violet purple. Rugged grower and good root maker. Cert. at E. Lansing and on all 3 Honor Rolls.

Root, $\$ 5.00$; Pot Root, $\$ 3.50$; Plant, $\$ 2.50$
KIRSTEN FLAGSTAD (Brown-Rocky River 85A), Bloom $11 \times 6$, Bush 5 ft . A chrome yellow with claret rose suffusion and on reverse of petals. Early and prolific. Should be the first to bloom in your garden. On 3 Honor Rolls.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$
PEARL HARBOR (Dixie 85A), Bloom $9 \times 4$, Bush $41 / 2 \mathrm{ft}$. A true variegated dahlia, light mauve shaded violet rose and flecked Tyrian pink. Medium sized bush, with good stems. Certified at Storrs.

Root, $\$ 2.00$; Pot Root, $\$ 1.50 ;$ Plant, $\$ 1.00$
SEPTEMBER (Rainbow 85A), 1947, Bloom $10 \times 4 \frac{1}{2}$, Bush 5 ft . Tangerine orange with soft scarlet suffusion giving it a rather even reddish autumn tone. Rugged grower coming into bloom medium early. A very satisfactory dahlia.

Root, $\$ 3.00$; Pot Root, $\$ 2.25$; Plant, $\$ 1.50$


SUNRAYS (Straight-Ruschmohr 85A), Bloom 11 x 7, Bush $41 / 2 \mathrm{ft}$. Clear buff suffused apricot with a distinct peach red on reverse of petals. Still popular and grown in many gardens. Was certified at W. Va. and E. Lansing. Root, $\$ 1.00$

TWILIGHT (Harter 84A), Bloom $10 \times 4$, Bush 5 ft . Most outstanding in color as it is a true violet which makes it the nearest to blue of any dahlia we have grown. Centers always full. Rugged, easy to grow, and a good root maker.

Root, $\$ 3.00$; Pot Root, $\$ 2.25$; Plant, $\$ 1.50$
VICTORY ECLIPSE (Wolfe 85B), 1948, Bloom $7 \times 5$, Bush $4 \frac{1}{2} \mathrm{ft}$. A beautiful light azalea pink with yellow shadings toward base of petals. A real cut flower. Early, good keeping qualities, and splendid growth. Certified at E. Lansing with a score of 86 , and on 3 Honor Rolls. Root, $\$ 7.50$; Plant, $\$ 3.50$

## UNIFORM COLOR STANDARDS

Much has been accomplished in Color Nomenclature and Classification the past year. Dahliadel Pocket Edition has been completed and used in practically all the large Dahlia shows. The color classes, as arranged in our Pocket Edition, as well as size and type classes have been approved by the American Dahlia Society and the Central States Dahlia Society. This will simplify judging throughout the country.

Dahliadel Pocket Edition of the HORTICULTURAL COLOUR CHART contains 175 color blocks arranged in the spectrum order, primarily for the American Dahlia Society with a definite color range on each set of pages. Autumns have been added to make the color range more complete. It is a complete chart for other flowers with the addition of violets, and the omission of the greens and a few blues.

Darker shades are in columns to the right with lighter tints to the left. Pages are covered with Cellophane and in a standard $63 / 4 \times 33 / 4$ binder. Pocket Edition in Loose Leaf Binder \$15.00.


## INFORMAL DECORATIVE DAHLIAS-Continued

COL. LITTLE (Old Dominion 85A), 1946, Bloom 11 x 6. Beautiful blend of flame-scarlet and orange scarlet with lemon yellow reverse which shows as serrated petals curl and wave profusely. A variety we highly recommend. Root, \$2.50; Plant, $\$ 1.25$

CRYSTAL'S SURPRISE (Crystal 85B), 1946, Bloom $8 \times 4$, Bush $41 / 2 \mathrm{ft}$. Egyptian buff flecked and spotted generously with currant red. A strong grower. Blooms hold good centers and keep well when cut. Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant. $\$ 1.00$

DELMARVA ( 85 A ), Bloom $9 \times 5$, Bush 3 ft . Yellow, heavily suffused scarlet red. Good centers and fine form. Rugged, easy to grow.

Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, .75
FOREST FIRE (Dahliadel 84A), Bloom $10 \times 6$, Bush $41 / 2 \mathrm{ft}$. Lemon yellow near center, blending to rich scarlet near the tips of the petals. The combined color-picture suggested the name. Bushes stocky and strong. Blooms a little late.

Root, 75
INDIAN GIANT (Emmons 85A), Bloom $12 \times 6$, Bush 4 ft . Mars orange with cardinal suffusion at center. Fine strong stems and good flowering habit. Certified at East Lansing. Root, \$1.50; Plant, . 75

KEMP'S VIOLET WONDER (Kemp 84A), Bloom $9 \times 5$, Bush 5 ft . Bright violet purple with faint bluish violet at tips of petals. Deep flowers of perfect form are held well above the foliage on long strong stems. Very dependable. Root, . 75 NET

KENTUCKY SPORTSMAN (White 85A), Bloom $10 \times 5$, Bush 3 ft . Canary yellow at center, outer petals orange with rose suffusion on reverse, each petal evenly tipped pure white. Good form and very striking. Root, $\$ 1.00$ NET; Pot Root, 75 NET

MISS ENGLEWOOD (Daily 84A), Bloom $10 \times 6$, Bush 4 ft . Deep carmine red shading lighter with buff yellow reverse. Very attractive in both form and color. Easy to grow, and sure to please. Certified at E. Lansing. Root, . 75
MME. CHIANG KAI SHEK (Pittman-Dahliadel 85 A ), Bloom $9 \times 5$, Bush $51 / 2 \mathrm{ft}$. Color is lemon yellow, with a soft peach and mauve suffusion on the reverse and tips of petals. It has very unusial wavy petals. Bush strong and robust. Stems long and erect. Root, \$1.50; Pot Roo ${ }^{+}$. $\$ 1 . \mathrm{CO}$; Plant, .75 MRS. WM. KNUDSEN (Dixie 84A), Bloom $11 \times 6$, Bush 5 ft . A massive pure waxy white. Must be planted early as it is inclined to be late. Vigorous grower and very satisfactory. Root, 75
MURPHY'S MASTERPIECE (Murphy 85A), Bloom $11 \times 4$, Bush $41 / 2 \mathrm{ft}$. Dark red shading deep crimson. Still grown by many. A strong grower, with good stems. Roots are hard to winter.
Root, $\$ 1.50$ NET; Pot Root, $\$ 1.00$ NET; Plant, .75
PINK ELEPHANT (Giffin-Dahliadel 85A), Bloom $12 \times 7$, Bush $31 / 2 \mathrm{ft}$. Beautiful deep rose pink, blooms grow very large. A compact grower that blooms early enough to be safely pinched out once and then side pruned to make a beautiful bush. On the Honor Rolls.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$
THE DRAGON (Corbett-Dahliadel 85A), Bloom 11 $\times 7$, Bush $41 / 2 \mathrm{ft}$. A lovely variety. The petals are apricot in the center edged rose pink. A rugged, insect-resistant plant which will grow for anybody. Will also stand good culture. An excellent root maker. Root, $\$ \mathbf{1 . 5 0}$; Pot Root, $\$ 1.00$; Plant, 75 VIRGINIA SHIPLEY (Cory-Dahliadel 85A), Bloom $11 \times 7$, Bush 5 ft . Empire yellow with darker shadings at center. Bush is rugged with heavy foliage repellent to insects. Blooms open Formal developing Informal. Winner of many prizes. Root, 75 WHITEABUNDANCE (Ballego 83A), Bloom $10 \times 5$, Bush 6 ft . Beautiful waxy white blooms held well out of the foliage on strong erect stems. Fine for cutting, baskets, and florist work. Does well for us. Plants should be staked.

Root, 75 NET

## HORTICULTURAL COLOUR CHART <br> (Published by the Royal Horticultural Society of England)

This Chart is in two volumes with 100 loose sheets in each, and four color tones on each sheet. It has the most complete range of colors with the exception fe autumn which have been added in the Dahliadel f autumns which have been added in the Dahliadel Pocket Edition. It has the best colors of any Chart published for Horticultural use. The color names are nearly all in common usage.

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## INFORMAL DECORATIVE DAHLIAS-Continued

ALICE MAY (Australia 85A), Bloom $10 \times 6$, Bush $41 / 2 \mathrm{ft}$. Pure white, with slight yellow cast at base of petals. An all-around dahlia. Stems, placement and profusion of blooms are excellent.

Root, $\$ 1.00$; Pot Root, 75 ; Plant, 50
CALIFORNIA IDOL (Ballay 85A), Bloom $11 \times 7$, Bush $41 / 2 \mathrm{ft}$. Primrose yellow. Deep flowers of fine form with high, full centers. Strong bush, profuse, and a consistent winner. Popular. Easy to grow. Root, . 75 ; Pot Root, . 50 ; Plant, . 50
DIXIE'S WINE DOT (Dixie 85A), Bloom $10 \times 4$, Bush 6 ft . An attractive variegated dahlia. White wavy petals, suffused, flecked and dotted rosy magenta. Three Achievement Medals, certified O.V.D.A. Root, \$1.50; Pot Root, \$1.00; Plant, . 75

GOLDEN PRINCE (Weiss 85A), Bloom $10 \times 5$, Bush 4 ft . A seedling of Jane Cowl, rich canary yellow blended peach giving a general effect of golden bronze. Bush strong and branches nicely. Early and profuse.

Root, .75
MARGARET W. WILSON (Sanhican 84A), Bloom $9 \times 4$, Bush $41 / 2 \mathrm{ft}$. Creamy white with phlox pink shadings and on reverse. Profuse. Root, 50 NET
MRS. HESTER A. PAPE (Pocky River 85A), 1946, Bloom $11 \times 5$, Bush 5 ft . Indian lake or ruby red. Responds to good culture and forcing. A winner in many shows. Easy to grow but should be shaded. Root, $\$ 3.00$; Pot Root, $\$ 2.25$; Plant. $\$ 1.50$
NOBBY'S LIGHT (Australia 86A), Bloom $11 \times 7$, Bush $41 / 2 \mathrm{ft}$. A light primrose yellow of heautiful from and on good stems. Centers full and deep. In all, one of the finest yellow Decoratives.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$
PREMIER'S WINSOME (Premier 85A), Bloom 11 $\times 6$, Bush $51 / 2 \mathrm{ft}$. Good form, substance and excellent plant giowth. Greatly admired. Soft amaranth pink with lighter shadings. Certified at E. Lansing. Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, .75
PRINCE BEAUTIFUL (Johnson Dahliadel 85B), 1947, Bloom $8 \times 5$, Bush 3 ft . A chemical sport of Golden Prince. Soft rose pink sharling to cream at center with distinct golden yellow stripes and markings. A beautiful, unusual variegated and a healthy early bloomer with fine stems and good centers. Some will revert to Golden Prince this year, and be Prince Beautiful next. Suitable for landscaping, cutting and exhibiting. Achieve, nent Medal and on Honor Roll. Lots of three only so you will have Prince Beautiful.

Roots, 3 for $\$ 3.00$
QUEEN ELIZABETH (English 85A), Bloom $11 \times 5$, Bush $31 / 2 \mathrm{ft}$. A very imposing and striking dahlia, with crinkled petals. Lemon yellow with white reverse. Fine form for exhibition. Stems are short and needs disbudding.

Plant, $\$ 2.00$
SILVER LADY (Hillside 85A), Bloom $10 \times 6$, Bush 5 ft . A most exquisite and lovely dahlia of ivory white delicately flushed and edged amaranth rose. Rugged bush, vigorous foliage, and long strong stems.

Root, $\$ 1.00$; Pot Root, . 75 ; Plant, .50


WHITE WINNER (Wolfe 85B), Bloom $8 \times 4$, Bush $41 / 2 \mathrm{ft}$. A white with more petal substance than any other white we have grown. Early and profuse, does not burn, and is most satisfactory for cutting. Long erect stems.

Root, 75
WOSAL (Australia 85A), Bloom $10 \times 6$, Bush 4 ft . Soft Spanish orange with rhodamine pink reverse and shadings. Strong grower with insect-resistant foliage. Root, \$1.00; Pot Root, .75; Plant, . 50


## INFORMAL DECORATIVE DAHLIAS-Continued

## BESS SMITH (Anderson 84A), Bloom $10 \times 5$, Bush

 5 ft . A Derrill Hart Medal Winner. White with a slight creamy center. Has substance and good habits of growth. Very pleasing form with a deep full center. Does not bum. Root, \$1.00; Pot Root, . 75CHEROKEE ROSE (Ricks-Dahliadel 85A), Bloom $9 \times 5$, Bush $51 / 2 \mathrm{ft}$. Mallow purple shaded deep rose pink. Very profuse, with fine stems and strong well-branched bushes. A fine cut flower and an excellent keeper. One of the best and very well liked. Root, .75; Pot Root, .50; Plant, . 50
GREAT LAKES (Marsh-Rocky River 85A), 1948, Bloom $10 \times 4$, Bush $41 / 2 \mathrm{ft}$. An easy to grow white with early blooms very lightly tinted lavender at tips. Stems long and stiff. Wimner of three Achievement Medals and on three Honor Rolls.

Plant, \$2.50
JOHN W. SHERWOOD (Berwick-Dahliadel 85A), Bloom $11 \times 6$, Bush 5 ft . Phlox purple or silvery mauve, enlivened with Tyrian pink, and slight gold tips. Blooms are artistic, with petals that curl and twist. Has good form, size, free and early blooming habits, and plenty of vitality. Certified at O.V.D.A. Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, 75

KATIE K (Lakeside 85A), Bloom $11 \times 6$, Bush $41 / 2$ ft . Beautiful amaranth rose with lighter veinings. An open grower with good stiff stems, and very prolific. Certified at Storrs and E. Lansing.

Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, .75
MILTON J. CROSS (Johnson 84A), Bloom $11 \times 7$, Bush 6 ft . General effect is yellow with outer petals suffused rose and coral. A consistent prize winner and a strong grower.

Root, 50
MINNORA (Berwick-Dahliadel 85A), Bloom $10 \times 6$, Bush 5 ft . Spanish orange with Tyrian purple reverse. An unusual but pleasing color combination. Bush growth, stems and foliage ideal. Root, . 50
ROBERT L. RIPLEY (Salem 85A), Bloom $12 \times 8$, Bush 5 ft . One of the largest varieties grown. Soft Rhodamine purple with deep rose pink suffusion throughout. Stems are straight and strong. Flow ers have good substance and keep well. Grown by many dahlia fans. Somewhat temperamental and needs good culture. Root, $\$ 2.00$ NET; Plant, $\$ 1.00$
SATAN'S DISCIPLE (Rainbow 85A), 1946, Bloom $11 \times 5$, Bush 5 ft . A brilliant and attractive crimson red. Profuse bloomer that needs no coddling and naturally grows big. Strong stems.

Root, $\$ 3.00$; Plant, $\$ 1.50$
SUNBURST (Smith 85A), 1946, Bloom $9 \times 5$, Bush $41 / 2 \mathrm{ft}$. Soft lemon yellow shaded at center. and suffused apricot buff. Flowering habit, prolific.

Root, $\$ 3.00$; Plant, $\$ 1.50$
WANDA MEADE (Parrella 84B), Bloom $6 \times 4$, Bush 4 ft . A very striking and attractive bi-color, scarlet red evenly tipped white. A good keeper and nice for cutting. Root, $\$ 1.00$; Plant, . 50

WINDLASSIE (Rocky River 85B), 1947, Bloom $8 \times$ 6 , Bush 5 ft . A real white. As the blooms develop the petals roll back forming a ball shaped flower. Early and profuse. Certified at Storrs and on three Honor Rolls. A worthwhile variety.

Root, $\$ 5.00$; Pot Root, $\$ 3.50$; Plant, $\$ 2.50$
WORLD EVENT (Dixie 85A), Bloom $10 \times 6$, Bush 3 ft . A large, exquisite bright Tyrian rose with a high center. On three Honor Rolls and certified at Storrs and East Lansing. Grows well in all sections of the country. Root, \$1.50; Pot Root, \$1.00; Plant, . 75

## INFORMAL DECORATIVE DAHLIAS-Continued

A GLOW (Dahliadel 85A), 1946, Bloom $10 \times 6$, Bush 6 ft . A beautiful soft apricot heavily suffused scarlet on the center area of each petal, enhanced by a golden sheen over all. Open grower with long strong stems. Needs no forcing.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$
ARELDA LLOYD (Smith 85A), Bloom $10 \times 6$, Bush $51 / 2 \mathrm{ft}$. A clear lemon yellow faintly suffused rose. May be described as a yellow Jane Cowl as form and bush growth are almost identical. Root, . 50
BANDOENG (Ballego 85A), Bloom $9 \times 5$, Bush 5 ft . Cinnamon buff suffused and shaded russet orange and scarlet. A strong bush, with heavy foliage and excellent stems. Easy to grow. Fine for cutting. Certified at Storrs.

Root, 50
CALIFORNIA PAGEANT (Ballay 85A), 1947, Bloom $12 \times 8$, Bush 5 ft . Color golden apricot with a light coral red suffusion. Certified at Storrs where it produced the largest blooms in 1946. It just naturally grows big. Root, $\$ 5.00$; Pot Root, $\$ 3.50$; Plant, $\$ 2.50$

CHARMER (Lloyd 85A), Bloom $10 \times 6$, Bush $51 / 2 \mathrm{ft}$. A clear golden buff, lightly suffused apricot yellow and rose. A lighter sport of Jane Cowl. Root, . 50
CINNAMON BEAUTY (Ballego 83A), 1947, Bloom $9 \times 6$, Bush 4 ft . Marigold orange with mauve on reverse. Good producer and a healthy grower. Certified at Storrs.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$
FRECKLES (Kemp 85A), Bloom $10 \times 5$, Bush $4 \frac{1}{2}$ ft . Canary yellow speckled and striped cherry red. Rather unusual. This variegated novelty is a favorite with our visitors.

Root, $\$ 1.00$; Pot Root, .75 ; Plant, .50
JANE COWL (Downs 85A), Bloom $10 \times 6$, Bush $51 / 2$ ft . A warm buff and old gold, blending to apricot and rose at the center. Bush growth is ideal with strong stems. Fine for cutting and exhibiting. One of the most universally grown dahlias. Root, . 50

KELVIN (Australia 85A), Bloom $10 \times 6$, Bush 4 ft . This fine massive dahlia is a coral pink with reverse of petals suffused Persian rose showing at center of flower. A stocky bush with large foliage and heavy stems. Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$
KEMP'S RADIANT BEAUTY (Kemp 85A), Bloom $10 \times 6$, Bush 5 ft . A very pretty and useful variegated dahlia of lemon yellow splashed scarlet. Stems strong and erect, foliage healthy. Root, $\$ 1.00$

MARGRACE (Hillside 85A), Bloom $10 \times 5$, Bush 5 ft . Unusual in color and unique in form. Bright cardinal with a tan reverse. Good high centers, and strong heavy stems. Certified at Storrs and E. Lansing, and an Award of Honor, Ga.

Plant, . 75
MRS. GEORGE Le BOUTILLIER (Smith-Ruschmohr 84 A ), Bloom $11 \times 5$, Bush 5 ft . Any extra care pays big dividends with this heautiful carmine red dahlia. It has been shown $14 \frac{1}{2}$ inches in diameter. Has few faults.

Root, . 50


OGDEN REID (Kelly-Parrella 85A), Bloom $12 \times 5$, Bush 5 ft . A real exhibition dahlia of bright rose with gold shadings. A dahlia that naturally grows big producing exhibition blooms with very little special attention.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$
ROYAL PENNANT (Fenton-Kemp 85A), Bloom 9 x 5 , Bush 5 ft . A true, rich purple. Long strong stems hold flowers perfectly. A sturdy bush with heavy foliage. Not early, but satisfactory. Root, 75
RUDOLF'S GIANT (Rudolf 85A), Bloom $12 \times 7$, Bush $41 / 2 \mathrm{ft}$. Live buff with apricot and pink suffusions. Has size, and fine form. A sturdy plant that needs no coddling. Certified at Storrs. Blooms from mid-season on.

Reot, \$1.00 NET
RUFFLES (Wenning 85A), 1946, Bloom $9 \times 5$, Bush 4 ft . Beautiful rose pink with a golden suffusion at center. Petals ruffled considerably more than picture of Aglow. Healthy grower with strong stems. Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, .75
SHERWOOD'S PEACH (Sherwood-Ruschmohr 85A), Bloom $11 \times 7$, Bush 3 ft . An orange apricot of a softer tone than Sunrays. Cane-like stems with insect resistant foliage. Rather slow developing so should be planted early.

Root, $\$ 1.00$
SILVER JUBILEE (Ballay 84A), Bloom $10 \times 6$, Bush $41 / 2 \mathrm{ft}$. A large Tyrian rose with distinct white tips. Quite unusual in coloring. Strong erect stems. Healthy, vigorous grower.

Plant, \$1.25
TOWER'S EMPIRE (Tower-Parrella 84A), Bloom $10 \times 6$, Bush $51 / 2 \mathrm{ft}$. Large blooms of clear golden yellow with amber shadings at center. Excellent stems. Unusual and insect-resistant foliage. Very good.

Root, $\$ 1.00$
WATCHUNG GIANT (Smith 84A), Bloom $11 \times 6$, Bush 6 ft . Deep amber yellow suffused orange cadminm. Grows like a weed and is most profuse in blooms. Doesn't need pampering, and does equally well in all sections of the country.

Root, . 50


# FORMAL DECORATIVE DAHLIAS 

DARCY SAINSBURY (Australia 85A), Bloom $9 \times 4$, Bush $51 / 2 \mathrm{ft}$. A creamy white which produces nearly perfect blooms, sometimes leaning to the Informal. Bushes meet all requirements. Good stems that hold flowers facing. Can be grown to exhibition quality. Root, \$1.00; Plant, . 50
FIVE STAR GENERAL (Ramage-Ruschmohr 85A), 1946, Bloom $10 \times 7$, Bush 5 ft . A very light amaranth pink edged and shaded soft canary yellow. A most pleasing color, fine for the show table. Consistent bloomer. Derrill Hart Medal Winner certifying at Storrs, Ohio Valley, and E. Lansing.

Root, $\$ 3.00$; Pot Root, $\$ 2.25$; Plant, $\$ 1.50$
JEANETTE (Lcmbard 85A), Bloom $10 \times 5$, Bush 5 ft . The largest bi-color deep amaranth or reddish purple neatly tipped white. Rugged growth and very worth while. A good root maker.

Root, $\$ 1.00$; Pot Root, .75 ; Plant, . 50
KENTUCKY SUN (White 84B), Bloom $7 \times 5$, Bush $41 / 2 \mathrm{ft}$. Clear light lemon yellow. Produces quantities of large uniform blooms on strong stems. Glossy green foliage. Withstands a lot of adverse conditions. Achievement Medal Winner. Root, . 50
KING DAVID (Corbett-Dahliadel 86A), Bloom $9 \times$ 5 , Bush $4 \frac{1}{2} \mathrm{ft}$. By far the earliest purple to date. Beautiful rich Dianthus purple inclined to petunia purple. Continues blooming throughout the season. Flowers are of good substance, deep, well-formed, and do not fade. On the Honor Roll.

Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, 75
MARY ELLEN (Loller 84A), Bloom $10 \times 5$, Bush $51 / 2 \mathrm{ft}$. Violet rose inclined to mauve pink. Flowers easily attain good exhibition size. Bushes sturdy and well-propertioned. Blooms from mid-season on.

Root, 75 NET

## DAHLIADEL NURSERIES

MARYLAND GLORY (Maryland 84A), Bloom $9 \times 5$, Bush $41 / 2 \mathrm{ft}$. Tyrian rose shaded crimson carmine. Very profuse with good stems. Perfect blooms from early until late. A fine grower. Root, 50 NET MARY NOBLE (Australia 85A), Bloom $11 \times 6$, Bush 5 ft . A beautiful bright mauve. An outstanding champion from Australia that is a strong healthy grower and does very well everywhere.

Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00
MICHIGAN O. KEISER (85A), 1947, Bloom $9 \times 5$, Bush $51 / 2 \mathrm{ft}$. Pure mave or mallow rose. Full center blooms of fine form held on perfect stems. Medium early. Two dahlias were introduced as Michigan Orchid. We are therefore abbreviating the word Orchid and using the originator's name.

Root, $\$ 3.00$; Pot Root, $\$ 2.25$; Plant, $\$ 1.50$
MISS LIBERTY (Comstock 85A), 1947, Bloom $9 \times 5$, Bush 5 ft . A red and white bi-color, scarlet red with round white sections at petal ends. Dark foliage and canelike stems. Certified at W. Va. and on three Honor Rolls.

Plant, $\$ 2.50$
MRS. I. DE VER WARNER (Marean 83A), Bloom $10 \times 3$, Bush 6 ft . Bright lilac rose. In commerce for about 30 years, and still a good seller. Excelleat growth. Prolific.

Root, . 50
PURPLE MIST (Emmons-Ruschmohr 84A), Bloom $10 \times 5 \frac{1}{2}$, Bush 5 ft . Peony purple. Strong, sturdy stems and a bush which is extremely rugged. Foliage thick and dark green. Blooms keep marvelously well. Achievement Medal winner and certified at E. Lansing. Root, $\$ 1.00$; Pot Root, 75 ; Plant, .50

Stellaette (Rosemary 85A), Bloom $10 \times 5$, Bush 3 ft . A beautiful iridescent shade of dark velvety crimson. Bush is healthy and vigorous and blooms hold 'good centers throughout the season.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$
SUPREME COMMAND (Boram-Parrella 85A), 1946, Bloom $11 \times 7$, Bush 5 ft . A huge bloom of clear cherry red. Vigorous grower with fine branching habits. Winner of an A.D.S. Silver Medal.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$
THE REAL GLORY (Stephenson-Ruschmohr 86A), Bloom $11 \times 6$, Bush 6 ft . The finest pure white Formal Decorative we grow. Not only is it a fine well formed large flower on a real stem, but it is a good grower and root maker.

Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, .75
THOMAS A. EDISON (Dahliadel 84B), Bloom $8 \times$ $41 / 2$, Bush 4 ft . Impressive blooms of staghorn petal formation. Royal purple or petunia violet. Stems and bush grow strong. Grows rather slowly and appreciates extra culture and fertilization. Many awards.

Plant, 75
VOLCANO (Richwood 84A), Bloom $11 \times 7$, Bush $4 \frac{1}{2}$ ft . An orange flame red which holds its color in the sun. Foliage is heavy and leathery. Blooms on strong stems, have a lot of substance and keep well.

Root, $\$ 1.00$; Pot Root, 75
WHITE BEAUTY (Robens 85A), 1947, Bloom $11 \times 6$, Bush 5 ft . Pure white that blooms from mid-season on. Full centered and robably one of the largest Formal whites. On Dudley's Honor Roll. Very satisfactory.

Plant, \$2.00

# FORMAL DECORATIVE DAHLIAS-Continued 

AVALON (83B), Bloom $7 \times 4$, Bush 5 ft . Clear sul phur yellow of medium size. Good stems for cutting. Root, . 50

BARBAROSA (Ballego 85B), Bloom $7 \times 5$, Bush 4 ft . About the brightest scarlet in Dahliadom. Full centers, strong stems, and a good keeper for cutting. Root, \$1.00 NET; Plant, . 50

BLUE RIVER (Salem 85A), Bloom $9 \times 3$, Bush 4 ft . Soft phlox purple or bluish mauve, as near to blue as we have in dahlias. Fine bush and strong foliage. Distinctive in color and popular. Has won many prizes.

Root, .75 NET
COMMANDO (Australia 85A), Bloom $10 \times 5$, Bush 3 ft . Indian lake or Tyrian purple. Sturdy grower with dark foliage.

Plant, $\$ 3.00$
COSSACK (Dahliadel 83B), Bloom $7 \times 5$, Bush 5 ft . A deep cardinal red commercial. Good stems and centers. Fine root maker.

Root, . 50
D-DAY (Dixie 85B), Bloom $7 \times 4$, Bush $41 / 2 \mathrm{ft}$. A very pretty one-tone bright rose or rhodamine pink. Has cane-like stems, is prolific, and fine for florists' use. On the Honor Roll, and certified at O.V.D.A.

Root, \$1.00; Pot Root, . 75
DEEP VELVET (Baker-Ruschmohr 85B), 1947, Bloom $8 \times 5$, Bush $41 / 2 \mathrm{ft}$. Deep rich velvety cardinal. Can be grown over 8 inches but will in most cases be a B dahlia. Long stems and a rugged grower. A real winner, two American Home Achievement Medals and the Derrill Hart Memorial Award.

Root, $\$ 5.00$; Pot Root, $\$ 3.50$; Plant, $\$ 2.50$
DEMOLAY (Dahliadel 85A), Bloom $9 \times 5$, Bush 5 ft . Velvety crimson with heavy dark green foliage. Blooms are held in a stately manner on long strong stems. Sturdy bush. Easy to grow. Centers full until frost, and very satisfactory. Winner of the Derrill Hart Memorial Medal. Keeps well when cut.

Root, .75
FRANCES HANNA (Hanna-Dahliadel 85B), 1948, Bloom $8 \times 5$, Bush 5 ft . Spectrum red with clear white tips. A nice open grower with long, straight, stiff stems. Foliage dark green. A sure winner in the bi-color class. Cert. at New Brunswick and on the Eastern Honor Roll.

Plant, $\$ 4.00$ NET; 3 for $\$ 10.00$ NET
FRANCIS LAROCCO (Rindfleisch 84B), Bloom $6 \times$ 3, Bush $41 / 2 \mathrm{ft}$. Pale sulphur yellow, very satisfactory as a cut flower. Blooms profusely on good stems. Vigorous grower. Good keeper. Root, . 50

GAY (Wengert-Parella 85B), 1948, Bloom $6 \times 3$, Bush 4 ft . A primrose yellow with cleft petals. Fine keeping qualities and perfect foliage for a cut flower. Won the Gold Medal at N. Y. Florists Club. Admired in Mr. Dudley's garden.

Root, $\$ 4.00$; Pot Root, $\$ 3.00$; Plant, $\$ 2.00$


GYPSY GIRL (Parella 85B), 1948, Bloom $41 / 2 \times 21 / 2$, Bush 5 ft . A variegated arnaranth rose flecked with dots and stripes of purple. A fine growing bush and profuse bloomer. Flower Grower Silver Trophy and A.D.S. Silver Medal.

Root, $\$ 4.00$; Pot Root, $\$ 3.00$; Plant, $\$ 2.00$
LAKESIDE BEAUTY (Lakeside 85B), 1946, Bloom $6 \times 4$, Bush 5 ft . A real cut flower in a blend of rose and amaranth pink with cream center. Has won the Flower Grower award and Midwest trophy. Great keeper and fine grower.

Root, $\$ 3.00$; Plant, $\$ 1.50$
LAVENDER PERFECTION (Australia 85A), Bloom $10 \times 5$, Bush $31 / 2 \mathrm{ft}$. Color, a deep amaranth rose with lighter shadings, enhanced with petaloids. Blooms held well on strong stems. Plant, $\$ 3.00$

LENA (Australia 85A), Bloom $8 \times 5$, Bush $41 / 2 \mathrm{ft}$. Soft china rose center band, with each petal edged light straw yellow. A unique coloring. Fine grower with well formed flowers on good stems. Plant, $\$ 1.50$

MRS. BRADLEY GEIST (Greinberg 84B), Bloom $7 \times 4$, Bush 4 ft . Pure white. Good keeper and fine for cutting. Nice form.

Root, $\$ 1.00$
MRS. JAMES ALBIN (Badetty 85B), Bloom $6 \times 3$, Bush 5 ft . Soft lemon yellow. Strong bush and excellent foliage. Good keeper and excellent for cutting. Does exceptionally well in Texas. Root, 75

SILVER METEOR (Wolfe 85A), 1947, Bloom $10 \times 5$, Bush $41 / 2 \mathrm{ft}$. Fine form. A beautiful mauve with silver lines and silver reverse. Long stems. Prolific. A very attractive and outstanding dahlia.

Plant, $\$ 1.50$
VICTORY (Asther-Ruschmohr 85A), Bloom $10 \times 6$, Bush $41 / 2 \mathrm{ft}$. Carmine rose with yellow shadings at base of petals. A real favorite for sheer beauty. Flowers keep well. Stem and bush growth excellent. One of the very best for high-class cut flower trade.

Root, 75


Winged Victory

## FORMAL DECORATIVE DAHLIAS-Continued

AVALANCHE (Australia 85A), Bloom $9 \times 6$, Bush 4 ft . This pure white is very attractive and promising. We believe it will be widely grown when more plentiful. Strong stems. Bush healthy.

Root, $\$ 3.00$; Plant, $\$ 1.50$
BLUE JERSEY (85B), Bloom $6 \frac{1}{2} \times 4$, Bush $6 \frac{1}{2} \mathrm{ft}$. Tyrian pink to light mallow purple. A sport of Jersey Beauty with all of its parent's good qualities. Root, 50

COMM. GEO. C. WARREN (Knight-Premier 85A), 1948, Bloom $11 \times 6$, Bush 5 ft . Citron yellow. Sturdy plant with heavy insect resistant foliage. Dudley's Honor Roll. Cert. at Rutgers.

Plant, $\$ 3.00$
HASLEROVA (Svajner 85B), Bloom $71 / 2 \times 4$, Bush 4 ft . Delicate lavender, almost white, flecked and spotted French purple, with color variations. Stem, foliage and bush growth very satisfactory. A striking variegated dahlia.

Root, 75
JANINE (Comstock 84A), Bloom $9 \times 5$, Bush $5 \frac{1}{2} \mathrm{ft}$. Mauve shaded Tyrian rose. An early strong grower. Easy to grow, and very profuse. Root, . 75
JERSEY BEAUTY (Waite 85B), Bloom 61/2 x 4, Bush $6 \frac{1}{2} \mathrm{ft}$. This beautiful pink is undoubtedly the most universally grown dahlia. Is still "the" commercial pink. Perfect form, long stems, excellent keeper and profuse.

Root, 50
KENTUCKY (Castlewood 85B), Bloom 61/2 x 4, Bush $6 \frac{1}{2} \mathrm{ft}$. Jersey Beanty pink with yellow and gold blended in, making its general effect salmon pink. Same ideal characteristics as Jersey Beauty. Good for cutting, and very popular. Root, . 50
KING PETER $11(85 \mathrm{~B})$, Bloom $6 \times 4$, Bush 4 ft . The base color is white with the tip of each petal overlaid soft phlox puple. A very striking and attractive color combination. Decidedly different.

Root, $\$ 1.00$; Pot Root, . 75 ; Plant, . 50

LINK'S BLUE TRIUMPH (Link-Premier 85A), Bloom $10 \times 4 \frac{1}{2}$, Bush 4 ft . A seedling of Blue River, somewhat larger. Color mauve with phlox purple veinings. Good stiff stems and heavy insectresistant foliage. A prize winner.

Root, 75
LOIS WALCHER (Walcher-Geneva 84B), Bloom 7 $\times 4$, Bush $41 / 2 \mathrm{ft}$. True purple with outer third of petals clear white. A bi-color which has won six Achievement Medals, and certified at O.V.D.A. and E. Lansing. Sturdy growth, and good stems. Blooms sometimes smaller. Root, \$1.00 NET; Plant, . 50

MAJOR VIERS (Viers-Rocky River 84A), 1947, Bloom $10 \times 6$, Bush 4 ft . Empire yellow with rose suffusion. Achievement Medals at Cleveland and East Liverpool. A strong rugged grower.

Root, $\$ 4.00$; Plant, $\$ 2.00$
PINK PROFUSION (Cordes-Dahliadel 84), Bloom $7 \times 4$, Bush $41 / 2 \mathrm{ft}$. Intense salmon pink edged deep rose pink, which develops a cream center as it fully opens. Perfect center, sturdy growth, and glossy foliage. Fine for cutting. Root, \$1.00
SCARLET BLAZE (Wolfe 85B), 1947, Bloom $7 \times 5$, Bush 4 ft . Has been described as a scarlet Jersey Beauty. Color really is an Indian orange. Excellent high center, good substance and petals turn back to stem. Good for cutting and exhibition.

Root, $\$ 3.00$; Plant, $\$ 1.50$
SPARKLER (Tooker 85B), 1947, Bloom $8 \times 5$, Bush 5 ft . Clear pale lemon yellow. Strong erect stems. Thick petals of good substance. Profuse bloomer. Dudley's Honor Roll.

Plant, \$1.50
THE GOVERNOR (Berwick-Dahliadel 85A), Bloom $11 \times 6$, Bush $51 / 2 \mathrm{ft}$. Bright sulphur yellow. Excellent form, with long broad petals going back to stem. Long strong erect stems hold flowers in perfect position. Bush seems immune to insects. Blooms profusely from very early until frost. Does splendidly everywhere. Our best selling yellow Formal. Root, $\$ 1.00$; Pot Root, .75; Plant, . 50
W A A C (Crooks-Ruschmohr 85A), Bloom $11 \times 6$, Bush $4 \frac{1}{2} \mathrm{ft}$. General tone of lemon yellow, suffused spinel pink or salmon rose. Long stiff stems. Follage glossy and dark. Root, \$1.50; Plant, 75

WHITE J. B. (Pittman 84B), Bloom $7 \times 5$, Bush 4 ft . A good white similar to Jersey Beauty in form but a more compact bush. Blooms held well out of the foliage on stiff stems. Early and prolific.

Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00
WILEY POST (Patrick 85B), 1947, Bloom $7 \times 5$, Bush 4 ft . Sulphur yellow. A seedling of Jersey Beauty and very similar in form and bush growth except bushes are not quite as tall. A fine healthy grower. Good for exhibition and will soon be popular as a cut flower.

Root, \$2.50; Plant, \$1.25
WINGED VICTORY (Patrick 85B), 1947, Bloom 7 x 5, Bush 4 ft . A white sport of Wiley Post with all the good qualities described above. As a white dahlia, will be more in demand in the cut flower market and will be very hard to beat on the show table.

Root, $\$ 2.50$; Pot Root, $\$ 2.00$; Plant, $\$ 1.25$


Jeep

## BALL DAHLIAS

CHARLOTTE CALDWELL (Creekside 85B), Bloom $6 \times 3$, Bush 3 ft . Mars orange suffused apricot. Large uniform blooms. Strong stems and bush, with healthy foliage. Keeps well. Very popular as a cut flower.

Root, . 50
CLARA CLEMENS (Pelicano 84B), Bloom $4 \times 3$, Bush 5 ft . Red tipped white. Very striking. Later in season petals quill sufficiently to qualify as a Ball dahlia.

Root, . 75
DUSKY (Doermann 85M), Bloom $3 \times 3$, Bush 3 ft . Miniature Ball of carmine shaded maroon. Wellquilled petals roll back to stem. Prolific. Winner of 2 Cert. and Derrill Hart Medal. Root, 75 NET JEAN KERR (Burpee 83B), Bloom $41 / 2 \times 3$, Bush 4 ft . A profitable white for a cut flower. Bushes compact with blooms held above the foliage. Good stems. Always in bloom. Inclined Formal Decorative at times.

Root, 50
JEEP (Dahliadel 85B), Bloom $4 \times 3$, Bush 4 ft . White suffused violet rose and tipped purple violet, more pronounced in the early season. Blooms early and profusely. Certified at Storrs, and a novelty that is sure to please.

Root, .75
KENTUCKY SNOWBALL (White 85B), Bloom 4 x 2, Bush 3 ft . Pure white. Does not burn. Profuse. Stems long and erect. Best in ordinary culture.

Root, . 50
MARY HELEN (Alling 85B), Bloom $4 \frac{1}{2} \times 31 / 2$, Bush 5 ft . Deep canary yellow. Well-formed blooms, good stems, vigorous plant, and profuse.

Root, . 50 NET; Plant, .50
MAUDE ADAMS (Alexander 84B), Bloom $4 \times 3$, Bush $31 / 2 \mathrm{ft}$. White suffused amaranth rose. A very pleasing color. Flowers are always uniform. An old variety but still good.

Root, .75 NET; Plant, . 50 ROSY DAWN (85B), Bloom $4 \times 3$, Bush 5 ft . Empire yellow suffused and tipped Tyrian rose. Certified at E . Lansing. Very attractive. Root, 75 SUPT. AMRHYN (85B), Bloom $4 \frac{1}{2} \times 3$, Bush $41 / 2$ ft . Mallow purple shaded amaranth rose. Excellent stems and bush. Fine for cutting and exhibiting. Root, 50


## DWARF DAHLIAS

A wonderful race of dahlias that has attracted much attention in our fields. They are particularly adapted for landscape planting in beds or borders as they start blooming early in the summer when about one foot high and bloom continuously until frost, growing to about 2 feet in height. These dwarf dahlias are very useful for forcing in pots indoors.

EASTER GREETING, SC, Bloom $4 \times 11 / 2$. The original variety of this type. May be grown in pots as a blooming plant, or for cutting. . White with creamy cast. Root, . 75 NET; Plant, . 50 ELSIE, SC, Bloom $41 / 2 \times 21 / 2$. Soft peach red shading to lemon yellow at center. Fine form. One of the best. Root, . 75 NET; Plant, . 50 GERDA, ID, Bloom $4 \times 2$. Deep violet rose. Good stems hold blooms well above the foliage. Very good.

Root, .50
KATE, FD, Bloom $4 \times 2$. Bright cardinal red. Blooms are attractive, uniform and good for cutting. Very striking.

Root, . 75 NET; Pot Root, 50 NET; Plant, . 50 NICKIE (Dahliadel 85), StC, 1947, Bloom 4-5 x 3 . This finest of all yellow dwarfs is a lovely Cactus, perfect in form. Truly dwarf with bushes 18 inches high. Blooms keep well on the bushes and when cut. Holds perfect form throughout the season.

Root, $\$ 2.00$; Pot Root, $\$ 1.50$; Plant, $\$ 1.00$

## ANEMONE DAHLIAS

ROBIJN (Bruidegom 81), Bloom $3 \times 1$, Bush 2 ft . Orchid purple with yellow shadings showing through the center as the flower develops. Very attractive.

Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, 75 VERA HIGGINS (Ballego 84), 1946, Bloom $3 \times 2$, Bush $1 \frac{1}{2} \mathrm{ft}$. Dise petals are a light cadmium and coral pink, while the flower in general is apricot suffused rose. Rather unusual for an Anemone type flower. A free bloomer. Stems good. Certified at Storrs. Root, \$1.50; Pot Root, \$1.00; Plant, . 75


## ORCHID FLOWERING DAHLIAS

This type of dahlia is most interesting, and popular for landscape effects, table decorations or graceful, airy arrangements. The bushes are compact, free blooming and prolific. Most of the flowers are 4 to 5 inches in diameter, and bushes are 2 to 3 feet in height except where noted. Wonderful for landscape effect when pinched out once, but should not be thinned out nor disbudded. If Collarette, Orchid Flowering and Single dahlias are cut before the pollen shows, they will hold their petals and keep for days.

COLLEGIATE (Dahliadel 85). Tan with a garnet red reverse. Quite modern and appealing. Very profuse, and flowers are always good. Bush healthy and sturdy.

Root, .75 NET; Plant, 50
DAHLIADEL TWINKLE (Dahliadel 85). White suffused violet rose with distinct Tyrian rose mottlings on reverse of petals which roll forward. Perfect in form and useful in arrangements. Root, 50
DAHLIADEL WHISPER (Dahliadel 85). Popular for cutting, arrangements and in the garden. Maize yellow with scarlet reverse. Long erect stems hold well after being cut. Root, . 50 NET; Plant, . 50

EVEREST (85). Pure white throughout. Long, graceful recurving florets. Good size.

Root, . 50 NET; Plant, 50
IMP (Dahliadel 85), Bloom 3. Clear lemon yellow. Petals tightly rolled. Fine for arrangements and exhibition. Dudley's Honor Roll.

Plant, . 50
IVORY GEM (Ruhoff-J)ahliadel 85). Ivory white, most attractive and artistic. Good stems that hold erect on the bush or in arrangements. A popular dahlia.

Plant, . 50
LONE STAR (Dahliadel 85). Light lemon yellow with soft French purple on reverse. Long erect stems, fine for cutting. Useful for landscape or border planting. Root, 50 NET; Plant, 50

MY LASSIE (Dahlis del 85), 1946. A beautiful soft rose pink with cre:m and lighter shadings toward the center. Almost identical in coloring to Pink Lassie, hence its aame. There is no other pink Orchid Flowering dahlia that we know of. Stems are long and hold flowers as shown in the picture. Early, profuse, and easy to grow.

Root, $\$ 1.50$; Plant, . 75


Sparkle

## COLLARETTE DAHLIAS

COINCIDENT (Dixie 85), Bloom 4, Bush 3 ft . Flame red sharply edged dark yellow with a cream collar. Very showy. Root, \$1.00 NET; Plant, . 50 DAD'S FAVORITE (84), Bloom 4, Bush 3 ft. A favorite at Baltimore. Reddish orange and cream, with creamy collar. Attractive. Plant, . 50 ERICA (Ballego 85), Bloom $4 \frac{1}{2}$, Bush 3 ft . Deep amaranth red, almost black. Collars of same tone with white tips. Very striking.

Plant, . 50
FANDANGO (Mack 85), Bloom 4, Bush 3 ft . Deep crimson red with collar the same color flaked yellow and white. Worthwhile.

Root, 75
MITZI (Dahliadel 84), Bloom 41/2, Bush 4 ft . Crimson carmine shading to primrose yellow at center and edged white. Unique and showy. Good bush, erect stems. A good keeper.

Root, 50
ORANGEADE (Dahliadel 85), Bloom $41 / 2$, Bush 4 ft . Orange with a deeper collar. Excellent keeper, profuse and uniform in size. Exceptionally strong stems.

Root, $\$ 1.00$ NET; Plant, 50
SPARKLE (Dahliadel 85), Bloom $31 / 2$, Bush $21 / 2 \mathrm{ft}$. Pure white that truly sparkles. Beautiful bush. Easy to grow, full of vitality, long straight stems, and a good root maker.

Plant, 50
TRIBUNE (Dahliadel 85), Bloom 5, Bush 4 ft . Deep rich crimson carmine with white collar petals edged carmine. Fine for cutting. Blooms from early until frost on strong erect stems.

Plant, . 50

## SINGLE DAHLIAS

BACHELOR GIRL (Dahliadel 85). Bloom 5-6, Bush 4 ft . Stunning clear bright orange of one tone. Large and graceful, with tips of petals rolling back. Sturdy plant, rigid stems. Honor Roll. Root, 75 CANDLE LIGHT (Dahliadel 85), Bloom 5, Bush 5 ft. A brilliant yellow. Healthy bush and strong stems. Very profuse, and excellent for cutting. Petals at center resemble candle-light rays. Root, 75
DAHLIADEL SNOW WHITE (Dahliadel 85), Bloom 5, Bush 4 ft . Pure white with serrated petals which roll forward, inclining somewhat to the Orchid Flowering type. Excellent stems, and a good keep er for arrangements.

Root, 75 ; Pot Rooot, 50


## SINGLE DAHLIAS-Cont'd

DORIS (Peacock 84), Bloom 4, Bush 4 ft. Deep velvety carmine, heavily tipped pure white. Growing habits and stems ideal.

Root, 35
JAMES WELLER (Peacock 85), Bloom 6, Bush $51 / 4$ ft. Rich golden yellow with central zone of each petal soft rosy red. Long stiff stems.

Root, 50
JERSEY MAID (Dahliadel 85), Bloom 3, Bush 3 ft . An exquisite bi-color seedling. Clear bright lemon yellow and white. Uniform flowers. Excellent keeper, and a geln for arrangements. Root, . 75

LITTLE AMERICA (Dahliadel 85), Bloom 5, Bush 5 ft . An outstanding and artistic white. Petals roll forward resembling a giant Poet's Narcissus. Stems long and erect. Excellent keeping qualities. Very showy in the garden. Root, . 75 NET; Plant, . 50
MARSHALL'S GLORIA (Chemar 85), Bloom $41 / 2$, Bush 3 ft . Striking bi-color of cardinal red with a white stripe in the center of each petal. Rugged grower. Petals curl artistically. Root, . 50
MORNING GLOW (Dahliadel 85), 1947, Bloom 4, Bush 3 ft . A bright amaranth pink with a spot of scarlet at the base of each petal, resembling a Halo effect against the yellow center. Fine grower with strong stems. Early and keeps well when cut.

Root, \$1.00; Pot Root, 75
PEQUOT YELLOW (Wakeman 84), Bloom 5, Bush $31 / 2 \mathrm{ft}$. A large clear yellow, especially fine for exhibition. Good habits of growth. Root, . 50 NET
SCARLET CENTURY (Peacock 81), Bloom 5, Bush 5 ft . Bright, glowing scarlet on erect stems. Good grower, profuse well-formed blooms. Root, . 35 NET
TANGO (Dahliadel 80), Bloom $51 / 2$, Bush 6 ft . A lively autumn tint, cadmium yellow, shaded scarlet orange. Attractive.

Root, 35
TEMPTATION (Dahliadel 85), Bloom $41 / 2-5$, Bush 4 ft . This fine scarlet red Single is almost identical to a poinsettia in color and form. Stands plenty of sunshine without burning or fading. A good open grower with long stems. Good keeper, and fine for cutting. Root, $\$ 1.00$; Pot Root, $\mathbf{. 7 5}$; Plant, .50
THRILL (Dahliadel 85), Bloom 4, Bush 3 ft . Bright cardinal with a distinct white spot at the tip of each petal. Very striking and showy. Sturdy bush and prolific.

Root, 75 NET
TOP MIX (Bruidegom), Bloom 11/2, Bush 1 ft . A new race of Miniature Single Dahlias that is unique and fine for Miniature arrangements. Varieties have not been established as yet, and we can offer in mixture only. The colors are blood red, cardinal, Tyrian purple, and Saturn red (orange red).

Root, $\$ 1.00$; Pot Root, . 75 ; Plant, 50


Little Miss Prim

## MINIATURE CACTUS DAHLIAS

BETSY T (TookerRuschmohr 85), M StC, Bloom $31 / 2$ x $21 / 2$, Bush 4 ft . A very fine bright lilac with lighter tips. Certified at Storrs. Fine for cutting.

Root, . 50
JULIA S (Scheel-Dahliadel 85), M StC, Bloom $31 / 2$ $\times 2$, Bush $41 / 2 \mathrm{ft}$. Deep rose pink with golden suffusion at base of petals. Sturdy bush growth and long stems. Cert. at Storrs and E. Lansing. Plant early for best results.

Root, 50 NET
LITTLE MISS PRIM (Dahliadel 84), M StC, Bloom $21 / 2 \times 1 \frac{1}{2}$, Bush $1 \frac{1}{2} \mathrm{ft}$. Dainty rose pink lightening toward center and tips. Exquisite and appealing, with many winnings. Dwarf bush with long stems. Very profuse, although at times open centered. Root, \$1.00; Pot Root, .75; Plant, . 50

LITTLE PEACHES (Vanderheid-Kemp 85), M StC, Bloom $31 / 2 \times 11 / 2$, Bush 3 ft . A pleasing salmon pink suffused rose pink. Winner in the Seedling Class at New York. Long wiry stems, and a prolific bloomer.

Root, .75; Pot Root, . 50
MYALL SONNE (Australia 85), M StC, Bloom $31 / 2^{-}$ $41 / 2 \times 2$, Bush 4 ft . A deep lemon yellow. The best Miniature Straight Cactus in yellow that we have found. Good growing habits.

Root, .75

## MINIATURE PEONY DAHLIAS

Open-centered with 2 to 5 rows of petals

BISHOP OF LLANDAFF (85), Bloom $3 \times 11 / 2$, Bush 4 ft . Bright scarlet with a deep garnet center'. Lacy foliage of reddish bronze makes it a "stand out." Unusual and attractive. Root, . 50 NET

OLYMPIC FIRE (Europe 85), Bloom $3 \times 1 \frac{1}{2}$, Bush 3 ft . Flaming orange red which does not fade. Foliage almost as dark as Bishop of Llandaff. Bush robust, highly recommended.

Root, . 50
PINK LASSIE (Moore-Dahliadel 86), Bloom $31 / 2 \times$ $11 / 2$, Bush $21 / 2 \mathrm{ft}$. Soft rose pink with cream and lighter shadings toward center. Petals curl and twist. Rugged bush. Profuse. Superb for arrangements and landscape. A "must have." Root, . 50


ANDRIES' ORANGE (Andries 85), Bloom $31 / 2 \times 21 / 2$, Bush 3 ft . Clear bright orange. Stems perfect and flowers of excellent form. Many winnings. One of the best.

Root, 50
ARABESKE (Bruidegom 85), Bloom $4 \times 2$, Bush $21 / 2$ ft. Soft primrose yellow. Early, prolific, with full centers, and long slender stems. Will grow oversize. Root, \$1.00; Pot Root, .75; Plant. . 50 ATOMIC RAY (Dozier 85), 1948, Bloom $3 \times 2$, Bush 3 ft . Scarlet with yellow undertone and slight yellow tip. A prize winner and on Dudley's Honor Roll.

Root. $\$ 300$; Pot Root, $\$ 2.25$; Plant, $\$ 1.50$ CAMEO STAR (Dozier 85), 1948, Bloom $3 \times 2$, Bush $21 / 2 \mathrm{ft}$. Soft amaranth rose with white center. Early and profuse with fernlike foliage. A winner. Root, \$3.00; Plant, \$1.50 DAISY MAE (Golden Rule 85), Bloom $4 \times 2$, Bush 3 ft . Primrose yellow. Consistent bloomer and a fine healthy grower, with long stems. Root, . 75 DOUBLE VICTORY (Goddard-Rocky River 85), 1946, Bloom $3 \times 2$, Bush $4 \frac{1}{2} \mathrm{ft}$. Carmine red with yellow cast. Petals serrated. Profuse bloomer and good keeper. Achievement Medal winner.

Root, \$1.00; Pot Root, .75; Plant, 50 ESTELLE (Eldridge-Dahliadel 85), 1948, Bloom 3 x $11 / 2$, Bush $31 / 2 \mathrm{ft}$. Amaranth rose, shading darker. A healthy grower with ideal branching habits. Blooms from early to late with good centers. Fine stems for arrangements. A winner of many prizes and will undoubtedly continue as such.

Root, \$3.00; Pot Root, \$2.25; Plant, \$1.50 FUCHSIA GEM (Lakeside 86), 1947, Bloom $31 / 2 \times 2$, Bush 3 ft . Bright amaranth purple. Prolific and graceful. Won the Derrill Hart Medal. Good grower with fine stems. Root, \$2.00; Plant, \$1.00 JUBILANT (Bruidegom 85), Bloom $4 \times 2$, Bush 3 ft . Rhodamine pink. Very pretty for cutting and exhibiting. Grows oversize very easily.

Root, $\$ 1.50$; Pot Root, $\$ 1.00 ;$ Plant, .75 LITTLE DIAMOND (Bruidegom 85), Bloom $4 \times 21 / 2$, Bush 3 ft . Violet rose with sulphur yellow shadings at center. Wonderful form and perfect stems. A Root, 75 PETIT SONNE (Australia 85), Bloom $3 \times 2$, Bush $21 / 2$ ft. Yellow shaded salmon rose. Neat, attractive and a mass of blooms all season. Root, . 50 SNOWSPRITE (Shee-Dahliadel 86), Bloom $31 / 2 \times 2$, Bush 3 ft . Beautiful glistening white. Uniform blooms of fine form are held well above the robust bushes in marked profusion. Our best white Miniature Cactus.

Root, . 50


## MINIATURE INFORMAL DECORATIVE DAHLIAS

CHEERIO (Australia 85), Bloom $3 \times 2$, Bush 3 ft . A very pretty bi-color, clear magenta tipped white. Good grower and very striking.

Plant, \$1.50
CHICO (Chappaqua 85), Bloom $3 \times 2$, Bush $21 / 2 \mathrm{ft}$. A beautiful scarlet Miniature for cutting that has won several prizes. Has long stems, and is a good keeper.

Roct, .75
CHIPS (McKay-Dahliadel 85), 1948, Bloom 3-31/2 x 2, Bush 4 ft . Lemon yellow lightly suffused soft red at tips, that is so different with its pointed, notched petals. Strong open grower, with long wiry stems. Holds a full center, and produces multitudes of blooms. Won A.D.S. Trophy in seedling class at N. Y. Root, $\$ 3.00$; Pot Root, $\$ 2.25$; Plant, $\$ 1.50$

FOREST FIRE, JR. (Dahliadel 85), Bloom $31 / 2 \times$ $1 \frac{1}{2}$, Bush 4 ft . Amber yellow, suffused and veined soft cardinal. A replica of Forest Fire. Blooms all season. Long stems. Strong bushes. Root, . 50

JEANIE (Golden Rule 85), Bloom $4 \times 2$, Bush $31 / 2$ ft . Apricot yellow with carmine suffusion. Rugged bush and blooms held in good position. A fine dahlia for cutting.

Root, . 50
JUBILANT (Dahliadel 86), Bloom $3 \times 2$, Bush $31 / 2 \mathrm{ft}$. Soft cherry red, inclined orange, with a lighter reverse. Makes a bright spot in any garden. The first dahlia wimning the Derrill Hart Gold Medal with an average of 85.6. One of our best, and blooms incessantly.

Root, $\$ 1.00$; Pot Root, .75 ; Plant, .50
PASSEPARTOUT (Holland), Bloom $4 \times 2$, Bush $31 / 2$ ft . A bright orient red for cutting. Prolific with fine stems and most attractive.

Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, .75
RALEIGH (Draper 84), Bloom $31 / 2 \times 2$, Bush 4 ft . Deep rose shaded salmon. Strong rugged bushes. Early, fine for arrangements and cutting. Root, . 50
RAPTURE (Dahliadel 85), Bloom $31 / 2 \times 1 \frac{1}{2}$, Bush $4 \mathrm{y} / 2 \mathrm{ft}$. Rose pink shading to sulphur yellow at center. Very artistic. Does well in the South. Bush, stems, and keeping qualities excellent. Very profuse. Cert. at Storrs and E. Lansing. Root, . 75
RICKEY (Bugg 84), Bloom $31 / 2 \times 2$, Bush $31 / 2 \mathrm{ft}$. A bi-color of red and white. Very striking and a strong grower. A prize wimer.

Root, . 50

## MINIATURE FORMAL DECORATIVE DAHLIAS

BABY FONTENEAU (Holland 83), Bloom $41 / 2 x$ $21 / 2$, Bush 3 ft . Pale rose pink with yellow showing at base of petals. Blooms are uniform and artistic with full centers, but not over abundant.

Root, $\$ 1.00$; Pot Root, .75 ; Plant, .50
BABY SAGAMORE (Badetty 85), Bloom $3 \times 21 / 2$, Bush $31 / 2 \mathrm{ft}$. Amber yellow suffused peach red. Bush sturdy. Strong straight stems. Root, . 50 BABY SEA FOAM (Dahliadel 85), 1947, Bloom $21 / 2$ x 2, Bush $21 / 2 \mathrm{ft}$. A blush pink with white center. Serrated petals and fernlike foliage. Plenty of dainty blooms on good stems. Root, $\$ 1.50$; Plant, .75 BO BO (Frank-Rocky River 85), 1948, Bloom $2 \times$ $11 / 2$, Bush 4 ft . Bright primrose yellow suffused rose red. Long stems and good form. Excellent for arranging and exhibiting. Winner of many prizes. On 3 Honor Rolls

Root, $\$ 3.00$; Plant, $\$ 1.50$
BONTON D'OR (Holland), Bloom $4 \times 21 / 2$, Bush 3 ft . Lemon yellow with poppy red suffusion, heavy on tips. A fine cut flower. Early and profuse.

Root, \$1.00; Pot Root, . 75 ; Plant, . 50
BUCKEYE BABY (Golden Rule 85), Bloom $21 / 2 \times$ 2 , Bush $21 / 2 \mathrm{ft}$. Golden buff lightly shaded red on reverse. Blooms are early, uniform and plentiful. Fine for cutting. Sturdy bushes.

Root, 50
BUDDY (Lakeside 85), Bloom $21 / 2 \times 2$, Bush $31 / 2 \mathrm{ft}$. A rich bright carmine with oxblood red center. Fine for cutting. Profuse and early, with long stems. Cert. at Storrs and E. Lansing.

Root, 75
FAIRY (Dayton 85), Bloom $31 / 2 \times 21 / 2$, Bush 4 ft . A soft violet rose shading mauve at tips. Blooms early until late. Flowers uniform and keep well when cut. Good, strong, straight stems. Root, . 50
FUNNY FACE (Wilson 85), Bloom $21 / 2 \times 2$, Bush 4 ft. A clean cut bi-color, bright red with a distinct white tip on each petal. Uniform in size, form and color. Most attractive.

Plant, $\$ 1.50$
FUZZY-WUZZY (Lakeside 85), 1947, Bloom $3 \times 2$, Bush 3 ft . Pretty apricot yellow suffused begonia rose with lacinated petals. Stems good. Bush compact. An excellent keeper. Certified at East Lansing.

Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, .75
IKE (Lakeside 85), Bloom $31 / 2-41 / 2 \times 2$, Bush 3 ft . Blood red blooms with many lacinated petals. Fine for cutting. Large for exhibiting.

Root, 75
JOYCE ANN (Sanhican 85), Bloom $31 / 2 \times 2$, Bush $21 / 2 \mathrm{ft}$. Pink with lighter shadings. Uniform, artistic and attractive. Very good.

Root, . 50
KATHIE M (Lakeside 85), 1948, Bloom $4 \times 3$, Bush 5 ft . A blend of soft buff suffused deep rose pink. A real florist's dahlia with notched petals, and a good keeper. Can be grown larger. Cert. at E. Lansing. Root, \$3.00; Plant, \$1.50
LITTLE LEMON DROP (Lakeside 85), 1946, Bloom $3 \times 2$, Bush 3 ft . Intense lemon yellow, fine for cutting or exhibiting. A prize winner. Certified at Storrs. Root, $\$ 1.00$; Pot Root, 75 ; Plant, 50
LITTLE NEMO (Chase 85), Bloom $4 \times 2$, Bush 4 ft . Crimson uniformly tipped white. Striking and attractive. Very popular. Root, . 50
LITTLE SUSAN (Frey-Dahliadel 85), Bloom $21 / 2 \times$ 2, Bush 3 ft . Soft Tyrian rose with lighter shadings. Blooms hold good form throughout season. Very profuse. Certified at Storrs.

Root, . 50


MICKEY (Robens 85), 1948, $2 \times 11 / 2$, Bush 5 ft . Lovely nasturtium to scarlet red blooms with perfect centers. Fine rugged grower with strong erect stems. Profuse from early to late and a good keeper. Root, $\$ 3.00$; Pot Root, $\$ 2.25$; Plant, $\$ 1.50$ MISS INNOCENCE (Sparks 85), Bloom $21 / 2 \times 2$, Bush 3 ft . Pure white of good substance. Early and profuse. Good bush growth. Long strong stems. Fine for cutting. Award of Honor, Ca. Root, . 50 MISS PLUMB (Beaver-Dahliadel 85), 1947, Bloom $2 \times 1 \frac{1}{2}$, Bush 2 ft . A bright rhodamine purple shading lighter at center. Cert. W. Va. On 3 Honor Rolls. Root, \$1.00; Pot Root, . 75 ; Plant, . 50 nellie shee (Golden Rule 85), Bloom $21 / 2 \times 2$, Bush 4 ft . A clear light lavender with long strong stems. Vigorous grower and very prolific. Fine for cutting.

Root, . 50 OLD GOLD (Schutte-Jemars 85), 1947, Bloom $31 / 2 \times$ 2, Bush $3 \cdot \mathrm{ft}$. Chrome yellow with jasper red suffusions and shadings. Very free blooming and fine for cutting. Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, . 75 PEGGY LINDLEY (Wakeman 84), Bloom $21 / 4 \times 2$, Bush $21 / 2 \mathrm{ft}$. A clear golden orange on long graceful stems. Excellent keeper.

Root, 50
PINK LADY (DeGroot 85), Bloom $21 / 2 \times 2$, Bush $21 / 2 \mathrm{ft}$. Deep rose pink with yellow shadings at base of petals. Free blooming. Attractive, uniform flowers that arrange easily. Root, $\$ 1.00$; Plant, .50 RED ROBIN (Dahliadel 85), Bloom $21 / 2 \times 2$, Bush 3 ft . Bright scarlet that does not fade. Perfect form and stems, sturdy bushes and very profuse. Excellent for cutting and exhibiting. Root, . 75 SNOW (Dahliadel 85), 1946, Bloom $3 \times 2$, Bush $31 / 2$ ft . This artistic white, lightly, edged lavender early, produces quantities of pure white blooms from midseason on. Root, $\$ 1.00$; Pot Root, . 75 ; Plant, 50 SNOW BABY (Dahliadel 85), 1947, Bloom $3 \times 2$, Bush 4 ft . Pure white of perfect form, on long slender stems. Early and profuse. Fine for cutting and exhibiting. Winner of many prizes.

Root, $\$ 1.50$; Pot Root, $\$ 1.00$; Plant, .75
SYLVIA (Lakeside 84), Bloom $21 / 2 \times 13 / 4$, Bush 4 ft . Rich deep carmine. Grows well, blooms profusely and keeps good. Fine for cutting. Root, 50 WHITE FAWN (Dixie 85), Bloom $3 \times 2$, Bush 4 ft . Popular pure white. Rugged bush, heavy foliage, and prolific. Cert. at Storrs and O.V.D.A. Root, . 50 YELLOW KITTEN (Chautanqua 85), Bloom $21 / 2 \times$ 2, Bush 4 ft . Yellow faintly tipped light pink. Early and profuse. Fine for cutting. Root, . 50


## Chita

## POMPON DAHLIAS

Cut Flower Varieties

BETTY ANNE. See Exhibition Pompons.
BOB WHITE (Dahliadel 85), Bloom $11 / 2$, Bush 2 ft . Milk white, with a cast of yellow when opening. Spreading bush and long stems, ideal for cutting, bedding and exhibiting.

Root, 50
CHITA (Dahliadel 85), Bloom $13 / 4$, Bush 3 ft . Pure canary yellow. Profuse, and blooms keep well. A little beauty. Not temperamental. Root, . 50
EDITH MUELLER (Mueller-Badetty 85), Bloom $13 / 4$, Bush 3 ft . A bright soft apricot suffused peach red. Much in demand as a cut flower. Root, . 35
HELEN ANITA (84), Bloom $13 / 4$, Bush $2 \frac{1}{2} \mathrm{ft}$. A beautiful lilac with a lighter reverse and white center. Very attractive and good for cutting. Root, . 35
honey. See Exhibition Pompons.
JOE FETTE (Boston 83), Bloom $1 \frac{1}{2}$, Bush 3 ft . A very good pure white with good stems for cutting. Blooms early. In demand for florist use. Root, . 35
LITTLE BUDDY (Lakeside 85), Bloom $2 \times 13 / 4$, Bush $31 / 2 \mathrm{ft}$. A soft lemon yellow that is a wonderful cut flower. Plenty of substance. Profuse and early. Certified at Storrs.

Root, 50
LITTLE DAVID (Twichett 85), Bloom $11 / 2$, Bush 3 ft . Russet orange of almost perfect form. Blooms freely and fine for cutting.

Root, 35
Lititle edith. See Exhibition Pompons.
MARY MUNNS (Bolsa 85), Bloom $11 / 2$, Bush $21 / 2$ ft . One of the best in phlox or mallow purple. Good for exhibition or cutting.

Root, . 35
MIKE (Boston 84), Bloom $11 / 2$, Bush $21 / 2 \mathrm{ft}$. Bright burnt orange, shading lighter at the outer petals. Attractive and jutting with blooms. Root, . 35
MORNING MIST (Badetty 85), Bloom $13 / 4$, Bush $31 / 2 \mathrm{ft}$. White tipped lavender and rosy lavender at center. Some flowers a little large, but very popular. A fine cut flower with long stems. Root, . 35
SHERRY (85), Bloom 2, Bush $21 / 2 \mathrm{ft}$. A deep purple, nearly round and very attractive. Occasionally may come oversize. Bush sturdy, and a very popular variety.

Root, 50
SUNNY DAYBREAK (Keynes 85), Bloom 2, Bush 3 ft . Lemon yellow, heavily tipped cardinal. Flowers of good form.

Root, 35
YELLOW GEM (McWhirter 84), Bloom $1 \frac{1}{2}$, Bush 3 ft . Clear canary yellow of fine form. Old, but still a good cut flower.

Root, . 35

# POMPON DAHLIAS 

## Exhibition Varieties

ATOM (Edymel 85), Bloom 11/4, Bush $21 / 2 \mathrm{ft}$. Fiery red with perfect form. Small for exhibiting but early and profuse. Very popular.

Root, 50
BETTY ANNE (Johnson 86), Bloom $11 / 2$, Bush $21 / 2$ ft . Soft rose pink inclined to violet rose. Small and uniform. Bush healthy and vigorous. Root, . 50 BETTY MALONE (Malone-Dahliadel 86), Bloom $13 / 4$, Bush 3 ft . White evenly tipped violet purple. Profuse. Ideal form and healthy bush. Cert. at 3 Trial Grounds. Root, . 75 NET; Plant, . 50 bOB WHITE. See Cut Flower Pompons.
BRASS BUTTON (Linduff-Ruschmohr 85), Bloom $13 / 4$, Bush 3 ft . Light yellow. Certified at Storrs and W. Va. Root, .75; Pot Root, 50
EBONY (Johnson 85), Bloom $1 \frac{1}{2}$, Bush 3 ft . Black red, darkest of all dahlias. Long strong stems. Blooms form a complete ball.

Root, . 75 ; Pot Root, 50
EILEEN (Keynes 86), Bloom $11 / 2$, Bush 2 ft . Cream tipped violet. Over 30 years old and still very popular. Beautiful and outstanding.

Root, .75 NET; Pot Root, 50 NET; Plant, . 50 HONEY (Farnum 86), Bloom $11 / 4$, Bush 3 ft . Primrose yellow with petals edged red. Free flowering on long stems. Good for cutting. Root, . 50
ILA (Australia 86), Bloom 11/2, Bush 2 ft . Deep oxblood. Bush growth fairly good, and almost all of the blooms are of perfect form. Long strong stems.

Root, . 50 NET; Plant, . 50
LITTLE EDITH (87), Bloom 11/4, Bush $31 / 2 \mathrm{ft}$. Primrose yellow tipped bright carmine. A standard variety and consistent winner. Good form. Very worthwhile. Good for cutting. Root, . 35
LITTLE WILLO (85), Bloom $1 \frac{1}{2}$, Bush 3 ft . Creamy white suffused magenta. Fine form, very deep. Stems strong and erect. Root, \$1.00; Plant, . 50 MARGARET WILLIAMS (Australia 85), Bloom $11 / 2$ x $11 / 4$, Bush $21 / 2 \mathrm{ft}$. Soft mauve with Rhodamine pink suffusions and Rhodamine purple shadings on the edge. One of the finest for exhibition.

Pot Root, \$1.00; Plant, . 75
MRS. J. TELFER (Australia 87), Bloom $11 / 2$, Bush $21 / 2 \mathrm{ft}$. White with a slight yellowish cast. Almost a perfect ball. Perfect centers. Has won many prizes. Root, .75; Pot Root, . 50
PINK DUCHESS (Wasser 85), Bloom $1 \frac{1}{2}$, Bush 3 ft . Lilac rose of ideal size with good centers. Has won many prizes. Very good.

Root, 75
PINK PERFECTION (Johnson 85), Bloom $1 / 2$, Bush $21 / 2 \mathrm{ft}$. A soft rose pink with faint purple shadings. A little late in blooming. A rugged grower. Root, $\$ 1.00$; Pot Root, .75; Plant, . 50 ned WARRIOR (85). Bloom $13 / 4$. Bush $21 / 2 \mathrm{ft}$. A fine bright scarlet red. One of the best for cutting and exhibiting. Good growth, early and prolific.

Root, . 50 ; Pot Root, 50 REGINALD (Australia 86), Bloom $1 \frac{1}{2}$, Bush $21 / 2 \mathrm{ft}$. A fine Burgundy red of ideal size and finest form. A leader in its class. Rugged bush. Root, 50 NET SWEETIE (Johnson 86), 1948, Bloom $11 / 2 \times 11 / 4$, Bush 2 ft . Bright spectrum red of fine form. Strong bush growth, perfect stems. A wonderful exhibition variety.

Root, \$3.00; Plant, \$1.50

## DAHLIADEL RECOMMENDATIONS

For Exhibition or Your Garden

 newer and likewise the higher priced one. Practically all of the varieties have won prizes at Shows or Trial Grounds, and will do it again if properly grown and exhibited.
LAVENDER PURPLE $\quad$ \& $\quad$ LT BLEND $\begin{gathered}\text { BI-COLOR \& } \\ \text { VARIEGATED }\end{gathered}$
Flash-Bi Crystal SurpriseCol. Little
Gen. J. J. Pershing Dixie's W. Dot-Var
Mme. C. Kai Shek Kemp's R. BeautyKing David Five Star General Frances Hanna-Bi Gypsy Girl-Var Rosy Dawn
Jeep $\quad$ Clara Clemens-Bi
$\xrightarrow[\substack{\text { Little } \mathrm{Nemo-Bi} \\ \text { Rickey }-\mathrm{Bi}}]{ }$

Eileen- Bi
Sunny Daybreak-B; Jerser Maid Jersey Maid- Bi
Marshall Cloria-Bi Coincident-Bi Mitzi Coincident-Bi Dahl. Twinkle

## ABBREVIATION INDICATING CLASSIFICATION

 TYPE OF FLOWERAn-Anemone
Ba-Ball
Coll-Collarette
Dwf-Dwarf
FD-Formal Decorative
IC-Incurved Cactus
ID-Informal Decorative

M-Miniature
O-Orchid Flowering
P-Peony
Pom-Pompon
S-Single
SC-Semi-Cactus
StC-Straight Cactus

COLORS in this Index have been changed to the A.D.S and C.S.D.S. official classification, which is based on the Dahliadel Color Chart (see page 11).
Au-Autumn, Spanish orange, yellow ochre, burn orange, buff, tan color, cinnamon, terra cotta, and suf fusions and blends of such tones with pink and lavender.
$\mathrm{Bi}-\mathrm{Bi}$-Color, two or more distinct, clean and separate colors on the face of the floral rays.
Dk R-Dark Red, currant red, cardinal red, oxblood red, chrysanthemum crimson.
L-Lavender, phlox pink, rhodamine pink, amaranth rose, mallow purple, pastel mauve, mauve, pastel lilac, pastel lavender.
Lt Bl-Light Blend, includes blends of the lighter tints and tones of pink, yellow, lavender, purple, violet and other pastels. Also varieties in which the central rays are of a different color than the majority of the rays.
$O$ Bl-Other Blend, includes blends of shades of red orange, yellow and other supplementary colors.
Blended, no clearly distinct color but instead two or more intermingled colors of different color classes which gradually merge but each of which can be distinguished at a distance of six feet. A single color shading lighter does not constitute a blend.
Or-Orange, cadmium orange, apricot, tangerine orange, nasturtium orange, orange chrome, orange.
Pk-Pink, salmon, peach, shell pink, azalea pink, carmine rose, coral pink, Tyrian rose, rose pink.
Pr-Purple, rosy magenta, magenta, Typrian purple, rhodamine purple, dahlia purple, lilac purple, petunia pur ple, violet purple, violet.
R-Red, mandarin red, poppy red, brick red, vermillion, jasper red, scarlet, spectrum red, crimson, cherry.
Var-Variegated two or more distinct colors on the face of the floral rays, arranged in dots, flecks, splashes or narrow lines which contrast sharply with the basic color. W-White, pure white, ivory, cream, faint blushes of other colors.
Y-Yellow, primrose, sulphur, canary, straw, lemon, am ber, chrome, and buttercup yellow.

## NOTICE

NET-On varieties marked NET no quantity discount will be allowed on Roots or Pot Root, and only 3 to a customer. However, Plants and Rooted Cuttings are subject to our regular quantity discount, except where noted.

DECORATIVE and CACTUS DAHLIAS Page

4 Abbot-B StC Red
9 Adolf Mayer-A SC Dk red
15 Aglow-A ID Autumn
8 Alcazar-A SC Purple
Pot

3 Alice May-A ID White Alice Stellick-A ID Bi red \& W Alicia Schrafft-A SC Pink NET
8 All American-A SC Pink
4 Allegresse-A StC Yellow Almina-A SC Yellow
3 Amoroso-B SC Pink
6 Annabelle-B IC Lt Bl yel w Pk
11 Anna Benedict-B ID Dk red... NET
15 Arelda Lloyd-A ID Yellow.
8 Atomic Yellow-A SC Yellow
4 Aumonier Chandelon-B St C Lt Bl
11 Autumn Blaze-A ID O Bl red w yel
18 Avalanche-A FD White
17 Avalon-B FD Yellow.
4 Ballerina-B StC Autumn
15 Bandoeng-A ID Autum
NET
7 Bataan-B SC O Bl red w yellow.
3 Bedford Beauty-B IC Lavender...
4 Bess Smith-A ID White
8 Bill Jack-B SC White
8 Blue Jersey-B FD Lavender
7 Blue River-A FD Lavender.... NET
4 Bride's Bouquet-A FD White NET

DECORATIVE and CACTUS DAHLIAS Page

|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Brother Justinus-B SC Lt Bl | 2.00 |  |  |
| 13 | California Idol-A | 75 | 50 |  |
| 15 | California Pageant-A ID Autumn | 500 | 3.50 | 2.5 |
| 3 | Capt. Cedarquist-B StC Orang | 75 |  |  |
| 10 | Carl G. Dahl-A ID Autumn NET | 1.00 | 75 |  |
| 10 | Caroline Kernochan-B ID O Blw R | 2.00 |  | 0 |
| 3 | Charmant-B SC Lavender |  |  |  |
| 15 | Charmer-A ID Lt Bl Y, Or w rose | 5 |  |  |
| 8 | Cheadle Park-A SC Purple | 2.00 | 1.50 |  |
| 11 | Cheer-B ID Var red \& yellow | 3.00 |  | 1.5 |
| 10 | Cherokee Brave-A ID Dk red | 1.00 | 75 | 5 |
| 14 | Cherokee Rose-A ID Lavender | . 75 | 50 |  |
| 2 | Chime-A IC O Bl orange w red NET | 5.00 |  | 2.5 |
| 6 | Cinderella-B IC Lt B1 yel w Pk | 5.00 |  | 2.5 |
| 15 | Cinnamon Beauty-A ID Autumn | 2.00 | 50 |  |
|  | City of Cleveland-A ID Orange | 50 |  |  |
| 4 | Clara Hook-A StC Lt Bl yel w Or | 5.00 | . 50 | 2.5 |
|  | Clariam Fancy-B SC Lt Bl Pk w Y |  |  | N5.0 |
| 10 | Clariam Kelton-A ID Autumn | 1.50 | 1.00 | 7 |
| 12 | Col. Little-A ID O Bl red w y | 2.50 |  |  |
|  | Columbia-A SC Orange | 1.00 |  |  |
| 17 | Commando-A FD Purple |  |  |  |
| 18 | Comm. Geo. C. Warren-A FD Yellow |  |  |  |
| 9 | Confucius-A SC Red | 1.00 |  |  |
|  | Conqueror-A IC Yellow |  |  |  |
| 17 | Cossack-B FD Dk red | . 50 |  |  |
| 12 | Crystal's Surprize-B ID Var Or \& R | 2.00 | 1.50 | . 0 |
| 10 | Dahliamum-A ID Autumn | 100 | . 75 | 5 |
| 4 | Dandy Snow-A StC White | 4.00 |  | 2.0 |
| 16 | Darcy Sainsbury-A FD Wh | 1.00 |  | . |
| 17 | D-Day-B FD Pink | 1.00 | . 75 |  |
| 17 | Deep Velvet-B FD Dk red | 5.00 | 3.50 | 2.5 |
| 12 | Delmarva-A ID O Bl red w yello | 1.50 | 1.00 | . 7 |
|  | Delrose-A ID Bi yellow \& white |  |  | 2.5 |
| 17 | DeMolay-A FD Dk red | . 75 |  |  |
|  | Deuil du Roi Albert-B FD Bi Pr \& W | 1.00 | . 75 |  |
| 13 | Dixie's Wine Dot-A ID Var W \& Pr | 1.50 | 1.00 | 7 |
|  | Dominant-B IC Lt Bl Y w L NET | 1.00 |  | . 5 |
| 7 | Doris Setterberg-A SC Red |  |  |  |
|  | Dorothy Geer-B FD Pink | . 75 |  |  |
|  | Dorset Autumn-A FD Autum | 1.00 | 75 |  |
|  | Edgar A. Guest-B SC Yel | 1.00 |  |  |
|  | Edna D.-A C Red ............... ${ }^{\text {NET }}$ |  |  |  |
|  | Ella May-B StC Purple ${ }^{\text {dex }}$ | . 75 |  |  |
|  | Elodie K.-B SC Lt Bl Pk w yel | 3.00 |  |  |
|  | Emma Caroline-A ID White NET |  |  |  |
|  | Enkart Prima-B SC Lt Bl NET | 1.00 |  |  |
| 8 | Essie Smith-A SC Lavender | 1.50 |  |  |
| 8 | Evelyn Chandler-A SC Autu | . 75 |  |  |
| 8 | Faithful-A SC White | 1.50 | 1.00 |  |
| 8 | Favorita-B StC Yellow | 1.50 |  |  |
|  | Five Star General-A FD Lt Bl | 3.00 | 2.25 | 1.5 |
| 10 | Flaming Glory-A ID O Bl R w | 2.00 |  | 1.0 |
|  | Flaming Sunset-B SC O Bl |  |  | 5.0 |
| 6 | Flash-B IC Bi red \& W........... NET | 1.50 | 1.00 |  |
| 10 | Flying Fortress-A ID Red | 1.00 |  |  |
| 12 | Forest Fire-A ID O Bl Y w R | 75 |  |  |
| 17 | Frances Hanna-B FD Bi R \& W NET |  |  |  |
| 17 | Francis Larocco-B FD Yellow........ | . 50 |  |  |
|  | Frau Ida Mansfeld-B StC Yellow |  |  |  |
| 15 | Freckles-A ID Var yellow \& red. | 1.00 | 75 |  |
|  | Gail Keppel-B IC Lt Bl Pk w Y | 1.00 |  |  |
| 17 | Gay-B FD Yellow | 4.00 | 300 | . |
|  | Gen. Eisenhower-A IC Red | 3.00 |  | . 5 |
| 9 | Gen. John J. Pershing-A SC Au | 2.00 | 1.50 | 1.0 |
| 3 | Gerrie Hoek-B FD Pink |  | 1.00 |  |
| 11 | Glamour-A ID Purple | 1.00 | . 75 |  |
| 3 | Golden Leader-B FD Yellow. | 1.50 | 1.00 |  |
| 13 | Golden Prince-A ID Orange | . 75 |  |  |
|  | Golden Standard-A IC Autumn | . 75 | 50 |  |
| 4 | Golden Treasure-B FD Orange NET |  |  |  |
| 6 | Goulburn-A IC Autumn | 2.00 |  |  |
|  | Graf Zeppelin-B FD Whit | . 50 |  |  |
| 14 | Great Lakes-A ID White |  |  |  |
| 7 | Gretel-B SC Red | . 50 |  |  |
| 17 | Gypsy Girl-B FD Var lav \& Pr | 4.00 | 3.00 |  |
| 18 | Haslerova-B FD Var white \& Pr. | . 75 |  |  |
|  | Hilda Fioretti-A ID Pink | 1.50 | 1.00 |  |
| 4 | Hillside Gold-B StC Autumn | . 50 |  |  |
|  | H. L. C. Jackson-A SC White |  |  |  |
| 7 | Honor Guest-B SC Lt Bl yel w Or | 3.00 | 2.25 |  |
| 11 | Hunt's Velvet Wonder-A ID Pr NET | 1.00 | 75 |  |
| 12 | Indian Giant-A ID Autumn | 1.50 |  |  |
|  | Irene Dunne-A StC Lavender | 1.50 |  |  |
| 15 | Jane Cowl-A ID Autumn | . 50 |  |  |
| 8 | Jane Lausche-A SC Bilav \& white | 3.00 | 2.25 |  |
| 18 | Janine-A FD Lavender | . 75 |  |  |
| 16 | Jeanette-A FD Bi purple \& white | 1.00 | 75 |  |
|  | Jean Trimbee-A SC Purple NE | 1.00 |  |  |

DECORATIVE and CACTUS DAHLIAS
Page
18 Jersey Beauty-B FD Pink
Jersey Dainty-B StC White
Jessica DeT Dragonette-A SC Lt Bl NET Jimmie Foxx-A ID Autumn ....NET
10 Joan Ferenz-A ID Yellow.
Joan Phillips, Jr.-B ID Bi L \& W
John A. Kernochan-B FD BiR \& W
14 John W. Sherwood-A ID Lavender
9 Josephine G - B SC Pink
3 Judy K.-B SC Lt Bl pink w yellow
14 Katie K.-A ID Lavender
15 Kelvin-A ID Pink
11 Kemp's Purple Triumph-A ID Pr
IS Kemp's Radiant Beauty-A ID Var
2 Kemp's Violet Wonder-A ID Pr NET
18 Kentucky-B FD Pink
12 Kentucky Sportsman-A ID Bi NET
16 Kentucky Sun-B FD Yellow
Kilgore's King-a ID Lt Bl Pk w Y
16 King David-A FD Purple
18 King Peter II-B FD Lt Bl W w L
4 King Size-A StC Red
11 Kirsten Flagstad-A ID Autumn..... Lady in Red-B SC Red
7 Lakeside Ann-B SC Lt Bl Y w Pk
17. Lakeside Beauty-B FD Lt Bl

17 Lavender Perfection-A FD Lav 3 L . C. K.-B StC $\mathrm{Lt} \mathrm{Bl} Y \mathrm{Y} \mathrm{Pk}$
17 Lena-A FD Lt Bl yellow w pink
7 Limelight-A SC Yellow NET
18 Link's Blue Triumph-A FD Laver
18 Lois Walcher-B FD Bi Pr \& W NET

## Loveliness-B StC Lt Bl Y w Pk

Lovely Jewel-B SC Lt Bl
Lu:ky-B SC Red
Lynn Fontanne-A SC Red
Maffie-A SC Dk red $\quad$ NET
Magnetic-B StC Yellow. NET
9 Magnificent-A SC Autumn
13 Marg. W. Wilson-A ID Lt Bl NET
15 Margrace-A ID Red
5 Marietta E-B StC Yellow
4 Marilyn Dale-A SC Lavender NET
16 Mary Ellen-A FD Lavender....NET
16 Maryland Glory-A FD Red NET
Mary Lynn Dudley-A SC Dk red
16 Mary Noble-A FD Lavender
5 Mary Taylor-B StC Lt Bl Y w Pk
10 Michael Black-A ID Purple
Michigan O. Collins-B SC Lav
9 Michigan White-B SC White NET
14 Milton J. Cross-A ID Yellow
14 Minnora-A ID Autumn
Miss Belgium-B StC Orange
Miss Flsio Jane-B SC Lt Bl Pk w Y
Miss Englewood-A ID Dk red
Miss Liberty-A FD Bi red \& W
Miss Ohio-B IC Lavender NET
Mme. Chiang Kai Shek-A ID Au
Mre. C. Jussiant-B IC Lavender
Mme. Elizabeth Sawyer-B StC L
Mme. X-A SC DK red
Model $999-4$ SC
Monarch of the East-A FD Au NET
Moyua-A SC Lt Bl vel w pink
17 Mrs. Bradley Geist-B FD White
Mrs. Edward Diehl-B StC Pink
Mrs. E. J.-B StC Pink
Mrs. F H. Strickland-A ID Lav
Mrs. Geo. LeBoutillier-A ID Red
Mrs. Hammerton-A IC Lt Bl Y PiPk
Mrs. Herbert O'Conor-B StC Pink
Mrs. Hester A. Pape-A ID Pr.
Mrs . I. de Ver Warner-A FD Mrs. James Albin-B FD $\mathbf{M}$ (ellow Mrs. Wm. S. Knudsen-A ID White Murphy's Masterpiece-A ID R NET Nancy Ann Mitchell-B IC Red
${ }^{\text {New Licky K.-B }}$ Look SC $\underset{\text { Red }}{\text { Ye }}$
Nirwana-A IC Autumn
13 Nobhy's Light-A ID Yellow
Noble Glory-A SC Lt Bl Orw L
Noviet-B SC Lt Bl yellow w pink
6 Oakleigh Champion-A IC Autumn
15 Ogden Reid-A ID Pink.



DECORATIVE and CACTUS DAHLIAS Page
8 White J. B.-B FD White
13 White Winner-B ID White
18 Wiley Post-B FD Yellow.
4 Windlassie-B ID White
18 Winged Victory-B FD White
8 Wings-A SC Dk red.
8 Wings-A SC Dk red
Winter Carnival-B SC White
Winter Morn-B StC White
14 World Event-A ID Pink.
13 Wosal-A ID Pink.
Yellow Glory-A SC Yellow
7 Yellow Special-B SC Yellow
Zuiwn-B SC Red
BALL DAHLIAS
19 Charlotte Caldwell-Ba Autumn
19 Clara Clemens-Ba Bi red \& white
19 Dusky-M Ba Dk red
19 Jean Kerr-Ba White
19 Jeep-M Ba Lt Bl white w lav
19 Kentucky Snowball-B White
19 Mary Helen-Ba Yellow............. NET
19 Maude Adams-Ba Lt Bl W w L NET Mozart-Ba White
Promising Surprise-Ba Bi Pr \& W
19 Rosy Dawn-Ba Lt Bl yel w. red
19 Supt. Amrhyn-Ba Lavender ANEMONE DAHLIAS
19 Robijn-An Purple

COLLARETTE DAHLIAS
20 Coincident-Coll Bi red \& Y.....NET 1.00
20 Dad's Favorite-Coll Lt Bl Orw W
20 Erica-Coll Red w red \& W
20 Fandango-Coll Red w red \& yel
Frank Harris-Coll Red w white
20 Mitzi-Coll Red, yellow \& white
20 Orangeade-Coll Or w Or whi.......NET
20 Sparkle-Coll White w white
20 Tribune-Coll Red w red \& W
ORCHID DAHLIAS
20 Collegiate-O Tan \& red.............NET 20 Dahliadel Twinkle--O White \& L
20 Dahliadel Whisper-O Y \& R NET
20 Everest-O White .......................... NET Guiding Star-O
20 Imp-O Yellow
20 Ivory Gem-O White
20 Lone Star-O Yel \& purple NET Pink

## SINGLE DAHLIAS

| 20 | Bachelor Girl-S Orange | . 75 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 20 | Candle Light-S Yellow | . 75 |  |  |
| 20 | Dahliadel Snow White-S White | . 75 | . 50 |  |
| 21 | Doris-S Bi red \& white | . 35 |  |  |
| 21 | James Weller-S O Bl yel \& | . 50 |  |  |
| 21 | Jersey Maid-M S Bi yel \& white | . 75 |  |  |
| 21 | Little America-S White ${ }^{\text {- }}$ NET ${ }^{\text {a }}$ | . 75 |  | 50 |
| 21 | Marshall's Gloria-S Bi W \& red | . 50 |  |  |
| 21 | Morning Glow-S Pink | 1.00 | . 75 |  |
| 21 | Pequot Yellow-S Yellow.... ${ }^{\text {SET }}$ | . 50 |  |  |
| 21 | Scarlet Century-S Red $\ldots$ NET | . 35 |  |  |
| 21 | Tango-S Autumn | . 35 |  |  |
| 21 | Temptation-S Red | 1.00 | 75 | 50 |
| 21 | Thrill-S Bi red \& white $\quad$ NET | . 75 |  |  |
| 21 | $\begin{aligned} \text { Top Mix-M S Mixed } \\ \\ \text { DWARF DAHLIAS } \end{aligned}$ | 1.00 | 75 | . 50 |
|  | Easter Greeting-Dwf SC W NET | . 75 |  | . 50 |
| 19 | Elsie-Dwf. C O Bl red w Y NET | . 75 |  | . 50 |
| 19 | Gerda-Dwf JD Lavender | . 50 |  |  |
| 19. | Kate-Dwf FD Dk red........... NET | . 75 | . 50 | . 50 |
| 19 | Nickie-Dwf StC Yellow | 2.00 | 1.50 | 1.00 |
|  | MINIATURE DAHLIAS |  |  |  |
| 22 | Andries' Orange-M SC Orange. | . 50 |  |  |
| 22 | Arabeske-M SC Yellow | 1.00 | . 75 | . 50 |
| 22 | Atomic Ray-M SC Red | 3.00 | 2.25 | 1.50 |
| 23 | Baby Fonteneau-M FD Pink | 1.00 | . 75 | . 50 |
| 23 | Baby Sagamore-M FD Autumn | . 50 |  |  |
| 23 | Baby Sea Foam- M FD White. | 1.50 |  | 75 |
| 21 | Betsy T.-M StC Lavender.... | . 50 |  |  |
| 21 | Bishop of Llandaff-M P Red NET | . 50 |  |  |
| 23 | Bo Bo-M FD Lt Bl yellow w pink | 3.00 |  | 1.50 |
| 23 | Bonton d'Or-M FD O Bl yel w Or | 1.00 | . 75 | . 50 |
| 23 | Buckeye Baby-M FD Autumn... | . 50 |  |  |
| 23 | Buddy-M FD Dk red. | . 75 |  |  |
| 22 | Cameo Star-M SC Lt Bl W w lav | 3.00 |  | 1.50 |

Pot
Root Root Plant
$2.00 \quad 1.50 \quad 1.00$
$2.50 \quad \cdots \quad 1.25$
$\begin{array}{lll}5.50 & 3.50 & 2.50 \\ 2.50 & 2.00 & 1.25\end{array}$
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$\begin{array}{lll}1.50 & 1.00 & .75 \\ 1.50 & 1.00 & .75\end{array}$
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| 1.50 | $\cdots$ | .75 |

.50
.53
.50
... $\quad .50$
DECORATIVE and CACTUS DAHLIAS
Page
22 Cheerio-M ID Bi purple \& white.
2 Chico-M ID Red......................................
Daisy Mae-M SC Yellow
Dearie-M FD Pink
Double Victory-M SC Red...
Dubonnet-M SC Dk red...............NET
Estelle-M SC Lavender
Fairy-M FD Lt Bl lav \& yel.
Forest Fire, Jr.-M ID O Bl Y w R
Fuzhsia Gem-M SC Purple.
Funny Face-M FD Bi red \& white
Fuzzy-Wuzzy-M FD Autumn
Gratiola-M SC Pink
3 Ike-M FD Dk red
2 Jeanie-M ID Lt Bl yel w pink
Jennie A.-M FD Red BI pink w W
Jubilant (Dahliadel) -M ID Red
Jubilant (Dahliadel)-M ID Red
Jubilant (Holland)-M SC Pink
Julia S.-M StC Pink.............NET
Kathie M.-M FD Lt Bl yel w pink
Kay-M StC Lt Bl yellow w pink..
Little Diamond-M SC Pink
Little Jimmy-M FD White
Little Katy-M FD Yellow
Little Lemon Drop-M FD Yellow.
Little Miss Prim-M StC Pink
Little Nemo-M FD Bi red \& white
Little Peaches-M StC Pink
Little Susan-M FD Lavender
McKay's Purity-M FD White
Mickey-M FD Red
Miss Innocence-M FD White.
Miss Plumb-M FD Purple
Myall Sonne-M StC Yellow
Nellie Shee-M FD Lavender.....
Norma Jean-M StC Lt Bl yel w Pk
Old Gold-M FD O Bl red w yel
Olympic Fire-M P Red
Passepartout-M ID Red
Peggy Lindley-M FD Orange
Petit Prince-M SC O Bl yel w R.
Petit Sonne-M SC Lt Bl yel w Pk
Pink Lady-M FD Pink.
Pink Lassie-M P Pink
Raleigh-M ID Pink
Rapture-M ID Lt Bl yel w pink
Red Robin - M FD Red.
Rickey-M ID Bi red \& white
Snow-M FD White
Snow Baby-M FD White
Snowsprite-M
SC
Snowsprite-M SC Wh
Sylvia-M FD
White Fawn-M FD White
Yellow Kitten-M FD Yellow.

## POMPON DAHLIAS




## CHRYSANTHEMUM NOVELTIES

CARNIVAL (Bristol 1948), Dec., $31 / 2^{\prime \prime}-21 / 2^{\prime}$, Oct. 10. Burnt orange with red and terra cotta shadings. Fine foliage. Very attractive.
CHOP STIX (Felton), Spoon, $2^{\prime \prime}-2^{\prime}$. A beautiful shade of lavender pink. Fine addition to the spoon family. DREAM GIRL (Floralane 1948), Dec., $21 / 2^{\prime \prime}-21 / 2^{\prime}$, Oct. 10. Beautiful amaranth rose, full petaled. A gem in the garden. Fine to cut.

FRED F. ROCKWELL (Bristol), Dec., 2'"-2', Oct. 10. Bronzy orange. Bright and attractive.
GOLDEN HOURS (Kraus 1948), Dec., $2^{\prime \prime}-2^{\prime}$, Sept. 8. Extra early, clear lemon yellow. Wonderful for cutting.
MEDITATION (Kraus 1948), Dec. $21 / 2^{\prime \prime}-21 / 2^{\prime}$, Oct. 5. Beautiful two-tone soft jasper red and maize yellow softening into a tan color. All the above Novelties; Pot plant, .75; Rooted Cutting, . 50 each.

NEW PRICE on pot plants and rooted cuttings on all varieties listed below and on pages 30 and 31 .

## Pot Plant, 50c each

Rooted Cuttings, 2 of one variety for 50 c QUANTITY DISCOUNTS on all mums 8 of any one variety-less $10 \%$ 20 of any one variety-less $20 \%$ Include 20 c for Special Handling on all Mum orders. We pay regular postage on orders of $\$ 2.00$ or over

Rooted Cuttings have proved so satisfactory for our customers, as they stand shipment so well, and produce such wonderful plants, that we have reduced the price on many varieties by selling two of a kind for 50 c . By selling them only in multiples of two facilitates ordering, booking and shipping, and gives you more for your money. Rooted cuttings can be planted direct in your garden or potted and held for a few weeks.

## GREENHOUSE VARIETIES

We have grown all the early blooming popular greenhouse varieties in our fields and have selected the following varieties that do best in outdoor conditions. These greenhouse varieties are not hardy and need winter protection. Blooms will be much larger than sizes indicated, if disbudded.

FIRST FIGURE-diameter of bloom in inches.
SECOND FIGURE-height of bush in feet.
DATE-normal time for plant to be in full bloom.

## STANDARD (Large varieties))

BLAZING GOLD. $4 \frac{1}{2} 2^{\prime \prime}-2^{\prime}$, Oct. 20. Buttercup yellow, fine form. One of the best.
HILDA BERGEN. $31 / 2^{\prime \prime}-3^{\prime}$, Oct. 25. Cardinal with orange reverse. Best in its color.
JUSTRITE. $4^{\prime \prime}-2 \frac{1}{2} 2^{\prime}$, Oct. 10 . Amaranth rose. Strong stems. Cuts well.
MAJOR BOWES. $4^{\prime \prime}-2 \frac{1}{2} 2^{\prime}$, Oct. 20. Soft phlox purple shading lighter. Cuts well, fine stems.
MRS. H. E. KIDDER. $3^{\prime \prime}-2^{\prime}$, Oct. 25. Lemon yellow. Semi-hardy, can be wintered with protection.
OCTOBER ROSE. $4^{\prime \prime}-2$, Oct. 25. Light phlox purple. Compact bushes. Nice for cutting.
PINK CHIEF. $4^{\prime \prime}-2 \frac{1}{2}{ }^{\prime}$, Oct. 15. Amaranth rose. Best for cutting in this color.
SILVER SHEEN. $3 \frac{1}{2} \underline{2}^{\prime \prime}-2^{\prime}$, Oct. 20. Pure white. Best white for garden use.
SUNGLOW. $4^{\prime \prime}-2^{\prime}$, Oct. 20. Empire yellow. Nice, compact bush.

## POMPON

GOLD COAST. 1 $1 / 2^{\prime \prime}-2^{\prime}$, Oct. 25. Chrome yellow. Clean, vigorous and free growing.
PINK PEARL. 1 $1 / 4^{\prime \prime}-3 \prime$ ', Oct. 20. Amaranth rose. Stems and growth better than Jewel.
PIXIE. $11 / 2^{\prime \prime}-3 \prime$, Oct. 28. Straw yellow. Fine long stems good for cutting. Good form.

## HARDY GARDEN CHRYSANTHEMUMS

These modern hardy mums are selected for their ability to produce quantities of blooms in general garden conditions. Increasing interest in garden mums is due to recent development of new varieties that bloom safely ahead of frost, while a number of varieties stand the first frost that usually gets the Dahlias. This prolongs the blooming season in your gardea by several weeks.

## ENGLISH

This new race has the advantage of combining size with hardiness.

We have, however, culled our English Varietie; down to the 9 that are really hardy, grow well, and produce blooms of equal general quality with the best Ame:ican varieties. They can be grown much larger than sizes indicated if disbudded the same as Standard Greenhouse Varieties.
BELLE MAUVE. $21 / 2^{\prime \prime}-2^{\prime}$, Sept. Soft amaranth rose. Disbuds well, is lovely grown in sprays.
CONQUEROR. $3^{\prime \prime}-3^{\prime}$, Oct. 27. Cardinal, buff reverse. Very showy.
ELITE. $2^{\prime \prime}=2^{\prime}$, Oct. Rose pink with a touch of buttercup yellow at center and tips.
GOLD STANDARD. $4^{\prime \prime}-3 \frac{1}{1 / 2}$ ', Oct. 25. Our largest and best incurved rich lemon yellow.
LEDA. $3^{\prime \prime}-2 \frac{1}{2} 2^{\prime}$, Oct. 25. Pastel mauve with lighter shadings. Strong. healthy grower.
MARY SUTTERLAND. $2 \frac{1}{2}{ }^{\prime \prime}-2 \frac{1}{2} \mathbf{2}^{\prime}$, Oct. 28. Magnolia purple, silver reverse and tips. Incurved.
ROSE PRIMROSE. $2 \frac{1}{1} \mathbf{2}^{\prime \prime}-2 \frac{1}{1 / 2^{\prime}}$, Oct. 25. Amaranth rose. Excellent either disbudded or sprays.
TRIXIE. $4^{\prime \prime}-21 /{ }^{2}$, Oct. 25. Terra Cotta face, amber yellow reverse. Long spiky rolled petals.
VULCAN. $3^{\prime \prime}-21 / 2^{\prime}$, Oct. 20. Cardinal red with lighter reverse and gold tips.


## HARDY GARDEN CHRYSANTHEMUMS

All Chrysanthemums, except Novelties on page 29, a:e: POT PLANT, 50c each; ROOTED CUTTINGS, 2 of one variety for 50 c .

## LARGE DECORATIVE

AGLOW. $21 / 2{ }^{\prime \prime}-1 \frac{1}{2}{ }^{\prime}$, Oct. 25. Deep bright orange, very colorful. Fine for cutting.
ALLEGRO. $2^{\prime \prime}-2^{\prime}$, Oct. 10. Light rose to shrimp pink. One of the best for cutting.
ALLEN FELTON (Felton 1947), $11 / 2^{\prime \prime}-3 \prime$, Oct. 10. Canary yellow. An excellent garden variety and fin for cutting.
APPLE BLOSSOM (Rosebud 1947), $3^{\prime \prime}-1 \frac{1 / 2^{\prime}}{}$, Sept. 25. Light pink fading to almost white. Cut well.
AVALANCHE. $3^{\prime \prime}-1 \frac{1}{2}{ }^{\prime}$, Sept. 15. Large full creamy white. A fine cut flower.
AVIATOR. $2^{\prime \prime}-2 \frac{1}{2} \mathbf{2}^{\prime}$, Oct. 1. Russet orange to coppery red. A very fine new variaty.
BETTY. $3^{\prime \prime}-3^{\prime}$, Oct. 20. Beautiful soft rose pink. Fine sprays for cutting.
BONFIRE. $2^{\prime \prime}-2^{\prime}$, Oct. 15. Rich Mars orange. Fine for cutting.
BRONZE PYRAMID. $21 / 2^{\prime \prime}-3^{\prime}$, Oct. 15. Bright Spanish orange shading yellow ochre. Fine stems.
BURGUNDY. $2^{\prime \prime}-2^{\prime}$, Oct. 15. Soft amaranth red. Stems good for cutting.
CALIPH. $\quad 1 / 2^{\prime \prime}-3^{\prime}$, Oct. 10 . One of the brightest ox blood reds that does not fade.
CHARLES NYE. $21 / 2^{\prime \prime}-2^{\prime}$, Sept. 25. Rich buttercup yellow. Fully double. Nice sprays.
CHIPPEWA. $21 / 2^{\prime \prime}-2^{\prime}$, Sept. 25. An aster purple, semi-double to double.
CYDONIA. $2^{\prime \prime}-2^{\prime}$, Oct. 20. Reddish burnt orange. Stands frost well.
DRIFTED SNOW. $2^{\prime \prime}-2^{\prime}$, Sept. 25. White shading yellow at center. Fine for landscaping.
EMBER. $2^{\prime \prime}-2 \frac{1}{2} 2^{\prime}$, Oct. 15. Bright brick red. Strong grower. Profuse.
EMPIRE. $3^{\prime \prime}-11 / 2^{\prime}$, Nov. 1. Incurved bright Spanish orange. A real greenhouse type. Very hardy.
EUGENE A. WANDER. $4^{\prime \prime}-1 \frac{1 / 2}{}{ }^{\prime}$, Sept. 15. Chrome yellow, burnt orange suffusion. Very early.
GLEAM O'GOLD. $2^{\prime \prime}-1 \frac{1}{\prime} 2^{\prime}$, Oct. 5. Golden yellow. Fine form with good centers. Cuts well.
GLITTERING HILLS. $2-1 / 2^{\prime \prime}-2^{\prime}$, Oct. 1. Golden yellow. Fine for cutting with good foliage and stems One you should have.
GOBLIN. $1 \frac{1}{2}{ }^{\prime \prime} \times 2^{\prime}$, Oct. 25. Ochraeous orange with gold shadings. Wonderful bushes. Cuts well.
GOLD. $4^{\prime \prime}-21 / 2^{\prime}$, Sept. 25. Rich canary yeilow shading darker at center.
GOLDEN SALMON (Rosebud 1947), 4"-2 1/2', Oct. 10. Jasper red, edged and shaded apricot yellow. Fully double.
GRANNY SCOVILL. $4^{\prime \prime}-2^{\prime}$, Oct. 10. Large Mars orange shading jasper red at center. Semi-hardy. HARBOR LIGHTS. $2^{\prime \prime}-2 \frac{1}{1 /}{ }^{\prime}$, Sept. 20. Creamy yellow. A beautiful variety.
HELIOTROPE. $11^{\prime \prime}{ }^{\prime \prime}-2^{\prime}$, Sept. 25. Lavender mauve with lighter shadings. Very pretty.

HILLTOP GOLD (Rosebud 1947), $3^{\prime \prime}-2 \frac{1}{2} \mathbf{2}^{\prime}$, Oct. 1. Large golden yellow. Fine to cut. Frost resistant. INDIAN SUMMER. $21 / 2^{\prime \prime}-3^{\prime}$, Oct. 15. Burnt orange with terra cotta shadings. Very good for cutting. Very hardy.
JEAN TREADWAY. $2 \frac{1}{2} \mathbf{2}^{\prime \prime}-1 \frac{1}{2} \mathbf{z}^{\prime}$, Oct. 20. Beautiful deep mallow pink. Dark center.
LAVENDER LADY. $21 / 2^{\prime \prime}-1 \frac{1}{2} \prime$ '. Oct. 15. Amaranth rose. Large and very attractive.
MAGNOLIA. $2^{\prime \prime}-1 \frac{1}{2} 2^{\prime \prime}$, Oct. 1. Cream with buff shadings. A fine pastel.
MORNING GLOW. $11 / 2^{\prime \prime}-2^{\prime}$, Sept. 28. White suffused phlox pink. Cuts well.
MRS. P. S. DuPont III. $2^{\prime \prime}-2^{\prime}$, Oct. 20. Cinnamon buff, rose suffusion. A very attractive pastel.
MRS. SAM P. ROTAN. $21 / 2^{\prime \prime}-2^{\prime}$, Oct. 20. Lemon yellow, orange at center.
NATIONAL VELVET (Felton 1947), $21 / 2^{\prime \prime}-21 / \mathbf{2}^{\prime}$, Sept. 25. Beautiful velvety crimson. Good for cutting. (Glorified Red Velvet).
NORMANDIE. $21 / 2^{\prime \prime}-1 \frac{1}{2}$ ', Sept. 28. White follows Avalanche, similar form. Compact.
OLIVE LONGLAND. $2^{\prime \prime}-2 \frac{1}{2}$ ', Oct. 1. Apricot suffused salmon pink. Very attractive.
ORIENTAL GLORY. $21 / 2^{\prime \prime}-2^{\prime}$, Oct. 10. Bright orange red with a bronze reverse. Very good for cutting. PINK GLOW (Dahliadel 1947), $11^{\prime \prime \prime} \mathbf{\prime}^{\prime}$, Oct. 5. Soft roso pink shading lighter. Fine for cutting. Bushes sturdy and very hardy.
PINK RADIANCE. $3^{\prime \prime}-2 \frac{1}{2} 2^{\prime}$, Sept. 25. Soft luminous pink. A pleasing pastel.
POLAR ICE. $2^{\prime \prime}-2^{\prime}$, Sept. 20. Pure white, almost a blue white. Fine form, attractive.
RED VELVET. $2^{\prime \prime}-2 \frac{1}{2} 2^{\prime}$, Oct. 5. Rich velvety crimson. Fine for cutting. Popular.
ROSEBUD (Rosebud 1947), $21 / 2^{\prime \prime}-2^{\prime}$, Oct. 20. Light Persian rose. Beautiful foliage. Fine for cutting.
SEPTEMBER DAWN. $2^{\prime \prime}-1 \frac{1}{2}{ }^{\prime}$, Sept. 25. Soft mallow purple. Fine for cutting.
SEQUOIA. $3^{N N}-11^{\prime}$, Oct. 20. A one tone cinnamon buff. Very attractive.
SPELLBOUND. $21 / 4^{\prime \prime}-1 \frac{1}{2} 2^{\prime}$, Sept. 25. Color of Lavender Lady. Really a bedding variety.
SYMPHONY. $3^{\prime \prime}-21 / 2^{\prime}$, Oct. 10. Soft Tyrian rose. Large and very showy.
TIFFANY ROSE. $3^{N}-2 \frac{1}{2}{ }^{\prime}$, Sept. 20. Light Persian rose with cream undertones. Attractive.
WHITE KNIGHT. $3^{\prime \prime}-2^{\prime}$, Sept. 15. Large clear ivory white. Compact bush.
YELLOW AVALANCHE. $3^{\prime \prime}-1 \frac{1 / 2^{\prime}}{}$, Sept. 15. A soft lemon yellow sport of the popular Avalanche.
ZANTHA (Goldilocks). $11 / 2^{\prime \prime}-2^{\prime}$, Sept. 15. Soft lemon yellow. Fine for cutting.

## POPULAR CUSHION

APRICOT GLOW. $21 / 2^{\prime \prime}-1 \frac{1}{2}{ }^{\prime}$, Sept. 1. Rich apricot bronze of fine form.
LAVENDER LASSIE. $11 / 2^{\prime \prime}-l^{\prime}$, Oct. 5. A new pompon Lavender Lady. Color even brighter.
SEPTEMBER CLOUD. $2^{\prime \prime}-1 \frac{1 / 2}{\prime}$, Sept. 25. Creamy white. Fine grower. Nice for cutting.

## SINGLE

ELAINE FELTON. $21 / 2^{\prime \prime}-2^{\prime}$, Sept. 25. Bright red that does not fade. Nice bush and stems.
KRISTINA. $3^{\prime \prime}-11 / 2^{\prime \prime}$, Oct. 25. Beautiful magenta rose. One of the best.
MELBA. $3^{\prime \prime}-3^{\prime}$, Nov. 1. Reddish bronze. A good keeper for cutting. Very hardy.
NJORTH. $2^{\prime \prime}-1 \frac{1}{2}$ ', Sept. 15 . Amaranth pink. One of the first to bloom.
NORTH STAR. $2^{\prime \prime}-2^{\prime}$, Sept. 15. Pure white. A real white daisy type. Very hardy.
RHEINGOLD. $2^{\prime \prime}-11 / 2^{\prime}$, Oct. 10. Spanish orange shaded yellow ochre. Long blooming season.
SENSATION. $21 / 2^{\prime \prime}-1 \frac{1}{2} 2^{\prime}$, Oct. 18. Currant red with yellow at base of petals. Very showy.
SILVER MOON. $2^{\prime \prime}-2 \frac{1}{2} 2^{\prime}$, Sept. 25. A fine white single for cutting. Fine substance.
VAHALLA. $2^{\prime \prime}-2^{\prime}$, Oct. 20. Deep Tyrian purple. Broad petals.

Hardy Garden Chrysanthemums (Cont'd)
SPOON
BRONZE SPOON. $3^{\prime \prime}-2^{\prime}$, Oct. 15. A new Chinese yellow with a China rose suffusion.
BUFF SPOON. $3^{\prime \prime}-1 \frac{1}{2}{ }^{\prime}$, Oct. 20. Straw yellow with coral pink suffusion. A neutral filler for cecorations.
JASPER SPOON. $2^{\prime \prime}-1 \frac{1}{2} 2^{\prime}$, Oct. 20. Buff and jasper red. Very unusual.
PINK SPOON. $3^{\prime \prime}-1 \frac{1}{2}{ }^{\prime}$, Oct. 15. Soft amaranth pink. Very popular.
SPOONETTE (Dahliadel 1947), $21 / 2^{\prime \prime}-2^{\prime}$, Oct. 25. Clear amaranth pink. Smaller flowers and better stems than Pink Spoon.
WHITE SPOON. $3^{\prime \prime}-1 \frac{1}{2}{ }^{\prime}$, Oct. 25. A very pretty white. Healthy grower. Not too hardy.
YELLOW SPOON. $3^{\prime \prime}-1 \frac{1}{2} 2^{\prime}$, Oct. 25. Lemon yellow. One of the best spoons.

## POMPON

BLONDIE (Dahliadel 1947), $11 / 2^{\prime \prime}-2^{\prime}$, Oct. 25. Cad mium yellow shading orange at center. Very attractive. Fine for cutting.
CATHERINE COLLINS (Felton 1947), 1 1/2"-2', Oct. 1. Clear lemon yellow. Fine grower.

ERMALINDA. $13 / 4^{\prime \prime}-1 \frac{1}{2} 2^{\prime}$, Oct. 25. Soft mallow purple. Very attractive.
ETHEL. $1^{\prime \prime}-2^{\prime}$, Nov. 1. Reddish bronze. Very fine late in season.
IRENE. $\quad 1 \frac{1}{4}{ }^{\prime \prime}-1 \frac{1}{2}{ }^{\prime}$, Oct. 18. White. Good for cutting.
JUDITH ANDERSON. $\left.\right|^{\prime \prime}-1 \frac{1}{2}$ ', Oct. 24. G Iden yellow. Compact bushes. Very hardy.
LILLIAN DOTY. $2 \frac{1}{2} \prime \prime-3 \frac{1}{2} 2^{\prime}$, Oct. 24. Light amaranth rose. Long stems for cutting.
MINONG. $1 \frac{1}{2} \prime^{\prime \prime}-2^{\prime}$, Oct. 20. The best commercial white to bloom the end of October.
MODEL O'PERFECTION. $1^{\prime \prime}-2^{\prime}$, Oct. 15. One of the best small white pompons.
OURAY. $11^{\prime \prime}=2^{\prime}$, Oct. 25. Bright terra cotta. Very hardy.
PINOCCHIO. $1^{\prime \prime}-2^{\prime}$, Oct. 25. A new small white suffused and lightly tipped amaranth rose. Fine stems.
PURPLE JEWEL. $13 / 4{ }^{\prime \prime}-2 \frac{1}{2}{ }^{\prime}$, Oct. 10. Deep purple. Good for cutting. Nice sprays.
ROMAN BRONZE. $\quad 1 / 2^{\prime \prime}-3^{\prime}$ Oct. 25. Spinel red with empire rose suffusion. Very pretty. Fine for cutting.
RUBY POMPON. $13 / 4^{\prime \prime}-2^{\prime}$, Oct. 5. A very attractive ruby crimson pompon.
WHITE DOTY. $2^{\prime \prime}-2 \frac{1}{2}{ }^{\prime}$, Oct. 25. Pure ivory white. Long stems for cutting.

## SPIDERY AND THREADLIKE VARIETIES

BESS WITT. $4^{\prime \prime}-2^{\prime}$, Oct. 20. Straw yellow shaded apricot bronze. Persian rose showing at tips. Very attractive.
BUNBU. $4^{\prime \prime}-2^{\prime}$, Nov. 1. Soft mallow purple. Petals hooked at tips. Fine for cutting.
KAY TASHIMA. 5" - $3^{\prime}$, Oct. 25. The best pure white. Centers full. Fish hook tubes. Nice stems.
OHKWAN. $4^{\prime \prime}-2^{\prime}$, Nov. 5. Clear mimosa yellow. Full centered flowers with fish hook tips. Very good.
TOKAY. $6^{\prime \prime}-3^{\prime}$, Nov. 1. Clear lilac purple. Very large and fine form.

## CHRYSANTHEMUM CULTURE

Plant in well prepared ordinary garden soil 8 to 10 inches apart, in rows 15 inches apart for mass planting. Rows can be 3 to 4 feet apart for cultivating. Either work in manure in the fall or winter or use a good garden fertilizer worked into the soil two weeks or more before planting. Side-dress early in July and again in August. Do not let mums suffer for water. Pinch out soft center when plants are about $6^{\prime \prime}$ tall and again when lateral branches have made a good growth, but not after August 1. For aphids, thrips or other insects use BHC and Hexate spray recommended on page 32.

Protect your late blooming varieties with a suitable covering of muslin, paper or burlap the first frosty nights. This will give you 2 or more weeks of color in your garden.


## NOTICE ON ALL MUM ORDERS

Include $20 ¢$ for Special Handling on all orders We pay regular postage on orders of $\$ 2.00$ or over
Shipping dates April 1 to June 1
NEW QUANTITY DISCOUNTS ON
Pot Plants and Rooted Cuttings
8 of any one variety-less $10 \%$
20 of any one variety-less $20 \%$

## DAHLIADEL COLLECTIONS

Positively No Changes in Collections SIX POMPON DAHLIAS
COLLECTION A Value \$2.55 ROOTS, \$2.00 Atom Edith Mueller Morning Mist Betty Anne Honey Yellow Gem SIX MINIATURE DECORATIVE DAHLIAS COLLECTION MD Value $\$ 3.00$ ROOTS, $\$ 2.40$ $\begin{array}{lll}\text { Fairy } & \text { Little Susan } & \begin{array}{c}\text { Sylvia } \\ \text { Jeanie }\end{array}\end{array}$ FIVE MINIATURE CACTUS DAHLIAS
COLLECTION MC Value $\$ 3.00$ ROOTS, $\$ 2.50$
Andries' Orange Little Diamond Snowsprite
Betsy T Myall Sonne
FIVE BALL DAHLIAS
COLLECTION B Value $\$ 3.25$ ROOTS, $\$ 2.50$
Charlotte Caldwell Jean Kerr Rosy Dawn
Clara Clemens Jeep
SIX CUT FLOWER DAHLIAS
COLLECTION C-F Value $\$ 4.00$ ROOTS, $\$ 3.00$
Francis Larocco Jersey Beauty Mrs. James Albin
Gretel King Peter II Saarlands Heimkehr BEGINNERS' SURPRISE
COLLECTION BS Value $\$ 4.00$ to $\$ 6.00$ ROOTS, $\$ 2.50$
8 named roots tagged, all different. A good assortment of colors and types. Large flowering varieties only. This collection gains in popularity each years as finer varieties are used in it.

FIVE CACTUS DAHLIAS
COLLECTION C Value $\$ 3.75$ ROOTS, $\$ 2.90$
Ballerina Jersey Dainty Mrs. Herbert O'Conor Gail Keppel Lady in Red

EIGHT EXHIBITION DAHLIAS
COLLECTION E Value $\$ 5.25$ ROOTS, $\$ 4.00$
Bandoeng Mrs. Wm. Knudsen Watchung Giant
Evelyn Chandler Victory White Winner
Golden Prince Mrs. Geo. LeBoutillier
FIVE BLUE RIBBON DAHLIAS
COLLECTION F Value $\$ 7.50$ ROOTS, $\$ 5.00$
Aglow Faithful Mme. Chiang Kai Shek D-Day Salem Sirnshine

SIX GRAND DAHLIAS
COLLECTION G
Value $\$ 8.00$
ROOTS, \$6.0
Clariam Kelton Joan Ferenz Virginia Rute
Glamour Roselyn Straight World Event
COLLECTION HIX PRIZE DAHLIAS
$\begin{array}{lll}\text { King David } & \begin{array}{l}\text { Nobby's Light } \\ \text { Ogden Reid }\end{array} & \begin{array}{l}\text { Ray Smith } \\ \text { September }\end{array}\end{array}$

# DAHLIA GROWERS' SUPPLIES 

COLOR CHART. Horticultural Color Chart published by the Royal Horticultural Society of England. See page 11.

DAHLIADEL DIP. A mixture of Sulphur, Talc, and Gypsum for dipping cut portions of dahlia roots when dividing. $13 / 4$ lbs. for $40 \phi ; 4$ lbs. for $70 \phi$; postpaid 4 th zone; add $5 \phi$ or $10 \phi$ respectively for each zone beyond 4th.

WOOD TREE LABELS. $5 / 8 \times 31 / 2^{\prime \prime}$ copper wired. Painted- $75 \phi$ per $100 ; \$ 4.75$ per 1000. Plain (not painted) $-65 \$$ per $100 ; \$ 4.00$ per 1000 ; postpaid, including 4th zone.

WOOD PLANT LABELS. $5 / 8 \times 10^{\prime \prime}$. Painted- $\$ 1.10$ per 100; $\$ 2.50$ per $250 ; \$ 9.00$ per 1000. Plain (not painted- $\$ 1.00$ per $100 ; \$ 2.25$ per $250 ; \$ 8.00$ per 1000 .

SPECIAL DAHLIA PRUNER KNIFE. An inexpensive knife with a good blade suitable for dividing roots and cutting blooms. Available in Hook Blade only.

Postpaid, 60¢; 2 for $\$ 1.00$
SCORE SHEETS. American Dahlia Society official trial garden score sheets used at all the official trial gardens. 100 sheets, punched, postpaid, $\$ .75$ 300 sheets punched, postpaid, $\$ 2.00$
POTASH. Still not available.

## INSECTICIDES

## INSECT CONTROL

Since the use of DDT much more red spider and mite have been prevalent on dahlias. We have used DDT, nicotine sulphate, rotenone, and pyrethrum in a spray with fair results. Have used DDT with Hexate with fairly good results but we could not recommend either of these sprays to our customers as they gave only a partial control.

## A NEW INSECT CONTROL

We have obtained exceptional results, practically $100 \%$ inspect control with one application of the following spray: 2 heaping tablespoonfuls of $50 \%$ wettable BHC in combination with $1 / 3$ teaspoonful TAT Hexate and $1 / 2$ teaspoonful LINCK WA to each gallon of water. Use the same precaution as when spraying with nicotine sulphate. This we feel sure will control the red spider, aphis, mite, and thrips along with practically all the other troublesome insects with the possible exception of the European Corn Borer.

TAT BHC contains the new outstanding chemical Benzene Hexachloride. This product acts as a contact, stomach and fumigant insecticide. It is up to 15 times as toxic to certain insects as DDT yet only $1 / 5$ as toxic to warm blooded animals. Exceptionally effective against sucking bugs, aphids, leaf-eating insects (even killing the egg), wireworms, thrips, scale, grasshoppers, locusts and ants. It does not have the long residual effectiveness of DDT due to its fumigant action, however, this is advantageous in that it reduces the danger of any long lasting residue. 5 th BHC $\$ 5.00$ Postpaid including 4th zone. Add $10 \phi$ for each additional zone.

Although it has a somewhat objectionable odor, the results are so far ahead of anything else that you gladly tolerate the musty odor.

TAT HEXATE is a newly formulated compound containing Hexaethyl Tetraphosphate and a wetting, spreading agent. Replaces nicotine sulphate in controlling aphids; also excellent for control of plant mites (such as red spider), and other insects.
6 oz. bottle Hexate $\$ 2.25$ Postpaid. Only $\$ 2.00$ when ordered with BHC.

We also add Linck WA a superior wetting agent when using low pressure for spraying. 6 oz . bottle $50 \mathrm{c}, 16 \mathrm{oz}$. bottle $\$ 1.00$, when ordered with above.

TAT 16 page Manual on Insect Control Free on Request.

BLACK LEAF FORTY (Nicotine Sulphate). A concentrated solution for aphids, thrips, leafhoppers and red spider. Oz., $40 \phi$; 5 ozs., $\$ 1.10$; th, $\$ 2.50$ Postpaid.
CORN BORER DUST (Nicotine Bentonite Dust.) $4 \%$ actual nicotine content with wetting agent added. Four to five applications should be made at five to six day intervals, starting at the time of the first eggs' hatching. Five pounds should take care of 100 to 150 dahlia bushes for four applications (size of
bush will vary amount needed). Directions with each package. 5 fb s. postpaid, including 4th zone, $\$ 2.50$; add $10 \phi$ for each zone beyond 4th; 2516 s ., express collect, $\$ 7.50$.
PYRETHRUM SOAP. A non-poisonous insecticide effective on most insect life and not injurious to animals or plants. Will not burn foliage or buds. A desirable spray for aphids and for thrips and leafhoppers when used with Black Leaf Forty. Four ounces make 4 to 5 gallons of spray. Postpaid, including the 4 th zone, 4 oz., $60 \phi$; 16 oz., $\$ 1.60$; quart, $\$ 2.50$; gal., $\$ 8.00$.

## NEW DISCOUNTS ON DAHLIAS

## QUANTITY DISCOUNT ON ROOTS, POT ROOTS, PLANTS AND ROOTED CUTTINGS

Three of any one variety-less $10 \%$
Six or any one variety-less $20 \%$
Twenty of any one variety-less $25 \%$
The above quantity discounts do not apply to Special Offers, Collections or Chrysanthemums.

## GUARANTEE

All dahlia Roots, Pot Roots and Plants are guaranteed healthy and true to name to the extent of replacement with true stock. Roots or pot roots that fail to start in three weeks will be replaced if returned. POTASH. FED DAHLIAS give such universal satisfaction that we guarantee this year's Dahliadel Introductions to prove entirely satisfactory to the extent of replacement with the same variety or one of any other of equal value from the following season's catalog. Satisfaction and safe delivery guaranteed.

## NOTICE ON GREEN PLANT AND ROOTED CUTTING SHIPMENTS

Plants will be shipped from April 15 th to July 15 th, while Rooted Cuttings can be shipped 2 weeks earlier but neither can be sent C. O. D., as this causes delay. When roots and plants are ordered together, roots will be held and shipped with the plants unless otherwise specified. 35 cents must be included with all plant and rooted cutting orders to cover special delivery except where there is no special delivery service at post cffice of destination; in which case, send 20 cents for special handling. We pay all regular postage on orders of $\$ 2.00$ or over. We do not guarantee safe delivery unless plants or rooted cuttings are shipped as above.

## TERMS AND DELIVERY

Orders will be filled with strong, field-grown root divisions unless pot roots, green plants or rooted cuttings are specified. We will notify you if unable to supply any variety, as we rarely substitute without instructions to do so. Kindly mention whether or not substitution is desired.

CASH WITH ORDER. Remit by check, money order or cash by registered mail. Do not send cash by mail unless you have it registered. Root orders will be shipped according to the growing season of the customer, which in most cases is between April 15 th and July 1 st. Shipment is prepaid and usually sent by Parcel Post. On C.O.D. shipments the customer pays the C.O.D. charges. We pay all regular postage on orders of $\$ 2.00$ or over. On orders under $\$ 2.00$ there is a charge of $20 \phi$ for regular postage and packing.

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## DAHLIADEL NURSERIES <br> PHONE VINELAND 7-1051 <br> VINELAND, N. J.


[^0]:    Complete Chart of 2 Volumes . . . . $\$ 12.50$
    Sheets punched and each Volume in a Loose
    Leaf Binder Complete.
    $\$ 14.00$
    Above Horticultural Chart with $2 / 3$ of the color blocks cut out that are used in the Pocket Edition ( 635 blocks untouched, 165
    with $1 / 3$ block left in) in 2 Loose Leaf binders
    $\$ 7.00$
    Dahliadel Pocket Edition with the above Horti-
    cultural Chart with $2 / 3$ of the color blocks
    cut out when ordered together
    $\$ 21.00$
    Dahliadel Pocket Edition see page 11

